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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention
[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee **$800**
(Rule 58)

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire **800 $**
(Règle 58)

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
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6. Procedures in case of an unexpected Office closure at CIPO
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le 20 juin, 2017

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6. Procédures en cas de fermeture des bureaux
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8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
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- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 24, 2017 contains applications open to public inspection from October 8, 2017 to October 14, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 8 octobre 2017 au 14 octobre 2017.

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[72] PAULUS, JOSEPH A., US
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[54] **DISPOSITIF D'INJECTION A MECANISME DE VERROUILLAGE POUR PORTE-SERINGUE**
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[54] **DISPOSITIF DE CONDENSATION ET DE LAVAGE, DISPOSITIF DE POLYMERISATION ET PROCEDE POUR PURIFIER DES VAPEURS INDUSTRIELLES LORS DE LA PRODUCTION DE POLYLACTIDE**
[72] HAGEN, RAINER, DE
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[54] **METHODE DE NETTOYAGE AVEC AMELIORATION DES EFFETS HYGIENIQUES A LONG TERME**
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[72] PEUKERT, THOMAS, DE
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[72] SHIRAIWA, HIROTAKE, JP
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[54] **PROCEDE ET SYSTEME POUR CODER ET DECODER DES SIGNAUX DE DONNEES VIDEO PRIMAIRE ET SECONDAIRE MULTIPLEXES**
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[54] **COMPOSANT OPTIQUE ET SON PROCEDE DE FABRICATION**
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[54] **COMPOSITES HYDROGELS A GELIFICATION THERMIQUE INVERSEE PRESENTANT UNE STABILITE ACCRUE**
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[54] **METHODS AND COMPOSITIONS FOR INHIBITING INTEGRINS USING TELLURIUM-CONTAINING COMPOUNDS**
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER LES INTEGRINES A L'AIDE DE COMPOSES CONTENANT DU TELLURE**
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[54] **STABILISATION DE SUSPENSIONS HUILEUSES CONTENANT DES ACIDES SILICIQUES HYDROPHOBES**
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[72] HAMANN, HANS-JUERGEN, DE
[72] KOELLING, SABINE, DE
[72] DAUBE, GERT, DE
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[54] **KIT ET PROCEDE POUR DETECTER UN VIRUS DE LA DIARRHEE VIRALE BOVINE DANS DES ECHANTILLONS DE TISSU**
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[54] **SYSTEME ET PROCEDE D'ANALYSE DE TRAFIC INTERNET REFERENCE**
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[54] **TUBE INTENSIFICATEUR D'IMAGE COMPACT ET SYSTEME DE VISION NOCTURNE DOTE D'UN TEL TUBE**
[72] NUTZEL, GERT, AU
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[54] **PROCEDE DE DETERMINATION D'UN ENSEMBLE DE DONNEES DE CONTOUR D'UNE MONTURE DE LUNETTES**
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[54] **DISPOSITIF DE DEPLACEMENT DE TYPE A CHENILLE**
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[72] WAKABAYASHI, SACHIKO, JP
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[54] **PROCEDE DE MODIFICATION DES DONNEES DE FORME DE MONTURE DE LUNETTES**
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[72] DUBOIS, FREDERIC, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[73] THE BOEING COMPANY, US
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[73] LOCKHART INDUSTRIES, INC., US
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[54] **COMPOSES DE THIENOPYRIDAZINE, LEURS PREPARATIONS, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS**
[72] WU, ZHANGGUI, CN
[73] ZHE JIANG MEDICINE CO., LTD. XINCHANG PHARMACEUTICAL FACTORY, CN
[73] WU, ZHANGGUI, CN
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[54] **CONDITIONNEMENT ET EXPOSITION DUDIT CONDITIONNEMENT**
[72] SADLER, NEIL A., US
[72] TANAKA, RICHARD K., US
[73] MCNEIL-PPC, INC., US
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[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER L'ALLAITEMENT MATERNEL**
[72] KAPON, RUTI, IL
[72] SEIFER, SHAHAR, IL
[72] SCHNEIDER, REVITAL, IL
[72] PELED, ARIK, IL
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[54] **SYSTEME DE PREPARATION DES COMMANDES SEMI-AUTOMATIQUE ET/OU AUTOMATIQUE**
[72] WINKLER, WALTER, DE
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[54] **METHOD OF CONTROLLING POLYMER ARCHITECTURE**
[54] **METHODE POUR CONTROLER L'ARCHITECTURE D'UN POLYMERE**
[72] LACOMBE, YVES, CA
[72] KER, VICTORIA, CA
[72] HOANG, PETER PHUNG MINH, CA
[72] EVANS, PATRICK DREW, CA
[73] NOVA CHEMICALS CORPORATION, CA
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[54] **CIBLAGE D'UN SITE TUMORAL POUR SUSCITER LA REPONSE IMMUNE INNEE**
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[72] SHAHAR, EHUD, IL
[72] GORODETSKY, RAPHAEL, IL
[73] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
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[54] **GANT DE TRAVAIL DOTE D'UN RENFORT ELASTOMERE**
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[73] 7592574 CANADA INC., CA
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[54] **DEBIT COMMANDE PAR RESEAU POUR CANAL FACH DE LIAISON MONTANTE AMELIORE**
[72] GERSTENBERGER, DIRK, SE
[72] BERGMAN, JOHAN, SE
[72] ISRAELSSON, MARTIN, SE
[73] IDTP HOLDINGS, INC., US
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[54] **METHOD AND APPARATUS FOR MITIGATING PILOT POLLUTION IN A WIRELESS NETWORK**
[54] **PROCEDE ET DISPOSITIF POUR ATTENUER LA POLLUTION D'ONDE PILOTE DANS UN RESEAU SANS FIL**
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[72] AGRAWAL, AVNEESH, US
[72] GOROKHOV, ALEXEI Y., US
[73] QUALCOMM INCORPORATED, US
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[54] **METHOD FOR PROCESSING WHOLE MUSCLE MEAT**
[54] **METHODE POUR LE TRAITEMENT DE LA VIANDE MUSCULAIRE**
[72] ANDERSON, JENNIFER J., US
[72] ROJO, JOSE C., US
[72] MOEN, DAVID L., US
[72] SCHNELL, TIMOTHY D., US
[72] PAULOS, WILLIAM T., US
[72] MALENKE, MARK E., US
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[54] **ELIMINATION DE L'EAU D'UNE PILE A COMBUSTIBLE**
[72] BALDINI, AUGUSTUS, US
[72] DAY, RICHARD M., US
[73] THE RAYMOND CORPORATION, US
[73] BALDINI, AUGUSTUS, ZZ
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[54] **EQUIPEMENT PERMETTANT DE DETERMINER LA MASSE D'UNE CHARGE ACHEMINEE PAR UN CABLE DE BALAN DE GRUE**
[72] SCHNEIDER, KLAUS, DE
[72] AMANN, MARTIN, AT
[72] SCHNELLER, MATHIAS, AT
[72] SAWODNY, OLIVER, DE
[72] KUECHLER, SEBASTIAN, DE
[73] LIEBHERR-WERK NENZING GES.M.B.H., AT
[73] SCHNEIDER, KLAUS, ZZ
[73] AMANN, MARTIN, ZZ
[73] SCHNELLER, MATHIAS, ZZ
[73] SAWODNY, OLIVER, ZZ
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[54] **PARTICULE PRESENTANT DES CARACTERISTIQUES TOPOSPECIFIQUES BIPOLAIRES ET SON PROCEDE DE PREPARATION**
[72] BHATTACHARYA, SUMAN K., IN
[72] BHATTACHARYYA, TAPOMAY, IN
[72] DASTIDAR, SUDIPTA G., IN
[72] NAIK, VIJAY M., IN
[72] SRIVASTAVA, ANUJ, IN
[72] VAIDYA, ASHISH A., IN
[73] UNILEVER PLC, GB
[73] BHATTACHARYA, SUMAN K., ZZ
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[54] **REGISTRE POUR INSERT DE FOYER A VENTILATION DIRECTE**
[72] MILES, MARTIN, CA
[72] BOOK, BYRON, CA
[73] MILES INDUSTRIES, LTD., CA
[73] MILES, MARTIN, CA
[73] BOOK, BYRON, CA
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[54] **INOSITOL DERIVATIVES FOR THE DETECTION AND TREATMENT OF ALZHEIMER' S DISEASE AND RELATED DISORDERS**
[54] **DERIVES D'INOSITOL DESTINES A LA DETECTION ET AU TRAITEMENT DE LA MALADIE D'ALZHEIMER ET DE TROUBLES CONNEXES**
[72] ELMALEH, DAVID R., US
[72] SHOUP, TIMOTHY, US
[72] FU, HONGNING, US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] ELMALEH, DAVID R., ZZ
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[54] **ANTIVIRAL AGENT AND ANTIVIRAL COMPOSITION**
[54] **AGENT ANTIVIRAL ET COMPOSITION ANTIVIRALE**
[72] SHIMAMOTO, TADASHI, JP
[72] OKINAKA, YASUSHI, JP
[72] SAKAGUCHI, TAKEMASA, JP
[72] TSUJI, TORU, JP
[72] NAKAI, YOSHIAKI, JP
[73] ALTAN CO., LTD., JP
[73] SHIMAMOTO, TADASHI, ZZ
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[54] **ANTENNA SWITCHING METHOD OF WIRELESS COMMUNICATION SYSTEM**
[54] **METHODE DE COMMUTATION D'ANTENNE DE SYSTEME DE COMMUNICATION SANS FIL**
[72] KUSHIDA, TOSHIHIKO, JP
[72] OBATAKE, TAKAYOSHI, JP
[73] MAEDA METAL INDUSTRIES, LTD., JP
[73] KUSHIDA, TOSHIHIKO, ZZ
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[54] **VANNE DE REGULATION**
[72] ELLIOTT, DECLAN, IE
[72] GRACE, ANDREW, IE
[72] MCHUGH, EDMUND, IE
[72] O'DONNELL, MARTIN, IE
[73] CAMERON INTERNATIONAL CORPORATION, US
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[73] GRACE, ANDREW, ZZ
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[54] **PROCEDE MODULAIRE POUR PREPARER DES CYTOKINES TETRAMERES AVEC UNE PHARMACOCINETIQUE AMELIOREE PAR LA TECHNOLOGIE « DOCK-AND-LOCK » (DNL)**
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[72] ROSSI, EDMUND A., US
[73] IBC PHARMACEUTICALS, INC., US
[73] CHANG, CHIEN-HSING, ZZ
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[25] EN
[54] **EXHAUST APPARATUS, SYSTEM, AND METHOD FOR ENHANCED CAPTURE AND CONTAINMENT**
[54] **APPAREIL D'ECHAPPEMENT, SYSTEME ET PROCEDE POUR CAPTURE ET CONFINEMENT AMELIORES**
[72] RITZER, HEINZ, AT
[72] MUEHLBERGER, FRIDOLIN, DE
[72] LIVCHAK, ANDREY V., US
[73] OY HALTON GROUP LTD., FI
[73] RITZER, HEINZ, ZZ
[73] MUEHLBERGER, FRIDOLIN, ZZ
[73] LIVCHAK, ANDREY V., ZZ
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[25] EN
[54] **APPARATUS AND METHOD FOR FILTERING A MATERIAL FROM A LIQUID MEDIUM**
[54] **APPAREIL ET PROCEDE POUR FILTRER UN MATERIAU DANS UN MILIEU LIQUIDE**
[72] LEE, CHIE YING, US
[72] JIANMIN, REN, CN
[73] FLUID-QUIP, INC., US
[73] LEE, CHIE YING, ZZ
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[54] **PROCEDE DE PRODUCTION DE BUTANOL A L'AIDE D'UNE FERMENTATION EXTRACTIVE A DEUX PHASES**
[72] GRADY, MICHAEL CHARLES, US
[72] JAHIC, MEHMEDALIJA, US
[72] PATNAIK, RANJAN, US
[73] BUTAMAXTM ADVANCED BIOFUELS LLC, US
[73] GRADY, MICHAEL CHARLES, ZZ
[73] JAHIC, MEHMEDALIJA, ZZ
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[54] **SYSTEME D'ADMINISTRATION A MICROENCAPSULATION**
[72] CELESTE, SALVATORE ALBERT, US
[73] THE ADDITIVE ADVANTAGE LLC, US
[73] CELESTE, SALVATORE ALBERT, ZZ
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[54] **METHOD FOR PRODUCING INTERMEDIATES FOR THE PRODUCTION OF NOVEL MACROCYCLES THAT ARE INHIBITORS OF THE PROTEASOMIC DEGRADATION OF P27, SUCH AS ARGYRIN AND DERIVATIVES THEREOF, AND USES OF SAID MACROCYCLES**
[54] **PROCEDE POUR LA FABRICATION D'INTERMEDIAIRES POUR LA FABRICATION DE NOUVEAUX MACROCYCLES QUI SONT DES INHIBITEURS DE LA DEGRADATION PROTEASOMIQUE DE P27, TELS QUE L'ARGYRINE ET SES DERIVES, ET UTILISATIONS DESDITS MACROCYCLES**
[72] KALESSE, MARKUS, DE
[72] MALEK, NISAR, DE
[72] FRANK, RONALD, DE
[72] BRODMANN, TOBIAS, DE
[72] BUELOW, LEILA, DE
[72] RENTSCH, ANDREAS, DE
[72] GIRBIG, ANNA-KATHARINA, DE
[72] EGGERT, ULRIKE, DE
[73] HELMHOLTZ-ZENTRUM FUR INFEKTIONSFORSCHUNG GMBH, DE
[73] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[73] GOTTFRIED WILHELM LEIBNIZ UNIVERSITAT HANNOVER, DE
[73] KALESSE, MARKUS, ZZ
[73] MALEK, NISAR, ZZ
[73] FRANK, RONALD, ZZ
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[73] RENTSCH, ANDREAS, ZZ
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[54] **DISPOSITIF ET PROCEDE DE QUANTIFICATION ET DE QUANTIFICATION INVERSE DE FILTRES A CODAGE PREDICTIF LINEAIRE DANS UNE SUPERTRAME**
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[72] SALAMI, REDWAN, CA
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[54] **SYSTEME ET METHODE DE PRODUCTION D'ENERGIE POTENTIELLE CHIMIQUE**
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[72] FERDIMAN, GIDON, IL
[72] ALIOSHIN, YURY, IL
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[54] **(S)-PYRROLIDINE-1,2-DICARBOXYLIC ACID 2-AMIDE 1-({4-METHYL-5-[2-(2,2,2-TRIFLUORO-1,1-DIMETHYL-ETHYL)-PYRIDIN-4-YL]-THIAZOL-2-YL}-AMIDE) ET SON UTILISATION DANS LE TRAITEMENT DU CANCER**
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[72] FAIRHURST, ROBIN ALEC, GB
[72] FURET, PASCAL, CH
[72] GUAGNANO, VITO, CH
[72] IMBACH, PATRICIA, CH
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[54] **PROCEDES ET SYSTEMES DE ROUTAGE D'APPELS BASES SUR UNE NOTATION NORMALISEE A VARIABLES MULTIPLES ET FILE D'ATTENTE FICTIVE**
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[54] **PROCEDE ET SYSTEME DE CHARGEMENT ET DE DECHARGEMENT DES CARTOUCHES DANS UN CHARGEUR POUR ARMES A FEU**
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[72] DOUCE, JEROME, FR
[72] MENIVAL, HELENE, FR
[72] PONS Y MOLL, OLIVIER, FR
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[72] HJELM, CHRISTOPHER TODD, US
[72] JONES, TITUS ARTHUR, US
[72] OSBORNE, JOHN EDWARD II, US
[72] PERKINS, DION BRENT, US
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[72] NORRIS, JAMES, US
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[54] **DISTRIBUTEUR DE FLUIDE ANTIGOUTTE**
[72] LEWIS, RICHARD PAUL, US
[72] HALLS, MALCOLM C., US
[72] TRAMONTINA, PAUL, FRANCIS, US
[72] XIE, HUOXIAN, CN
[72] GUO, YUTAI, CN
[72] OSBORNE, CHARLES AGNEW, JR., US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[73] LEWIS, RICHARD PAUL, ZZ
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[54] **ALLIAGE A BASE DE NICKEL FORMANT DE L'OXYDE D'ALUMINIUM**
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[72] LUNDBERG, MATS, SE
[72] JONSSON, BO, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **APPAREIL DE PRODUCTION D'ENERGIE ELECTRIQUE D'EXTERIEUR**
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[72] NAKANO, YOSHINOBU, JP
[73] AISIN SEIKI KABUSHIKI KAISHA, JP
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[73] SIRTI S.P.A., IT
[73] MORELLI, MAURIZIO, ZZ
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[54] **INHIBITEURS DE MLK ET PROCEDES D'UTILISATION**
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[72] DEWHURST, STEPHEN, US
[72] GOODFELLOW, VAL S., US
[72] WIEMANN, TORSTEN, US
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[54] **DECOUPAGE DE PANNEAU DE VITRAGE DE VEHICULE ET TECHNIQUE ASSOCIEE**
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[73] BELRON HUNGARY KFT-ZUG BRANCH, CH
[73] FINCK, WILLIAM, ZZ
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[54] **PALIER MAGNETIQUE REGLABLE SUR LE PLAN AXIAL ET SA METHODE DE MONTAGE**
[72] CARRASCO, EDUARDO, FR
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[73] SKF MAGNETIC MECHATRONICS, FR
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[54] **PROCEDES DE FABRICATION DE REVETEMENTS ANTICORROSION PROTEGEANT DE L'ENVIRONNEMENT ET COMPOSANTS CERAMIQUES POSSEDANT UNE CAPACITE DE MITIGATION DES CMAS**
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[72] BOUTWELL, BRETT ALLEN, US
[72] ACKERMAN, JOHN FREDERICK, US
[73] GENERAL ELECTRIC COMPANY, US
[73] KIRBY, GLEN HAROLD, ZZ
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[54] **PROCEDE ET SYSTEME D'ESTIMATION D'UNE TEMPERATURE DE VEINE DANS UN TURBOREACTEUR**
[72] DJELASSI, CEDRIK, FR
[72] GAULLY, BRUNO, FR
[73] SNECMA, FR
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[72] SIMMONS, WALTER JOHN, US
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[72] BLAIR, LOUDON, US
[72] GAZIER, MICHAEL, CA
[72] THIAGARAJAN, SASHISEKARAN, US
[73] CIENA LUXEMBOURG S.A.R.L., LU
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[54] **MATERIAU POLYMERE A BASE DE CELLULOSE**
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[72] RENIL, MANAT, DK
[73] CARLSBERG A/S, DK
[73] MELDAL, MORTEN, ZZ
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[54] **COMMUTATEUR ELECTRONIQUE A PLONGEUR**
[72] WEIROWSKI-HERZ, ACHIM, DE
[72] STEIMLE, KARL, DE
[72] HENGSTLER, ROLAND, DE
[73] KISSLING ELEKTROTECHNIK GMBH, DE
[73] WEIROWSKI-HERZ, ACHIM, ZZ
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[72] HU, BO, US
[73] HOGANAS AB (PUBL), SE
[73] ANDERSSON, OLOF, ZZ
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[73] VALMONT HIGHWAY TECHNOLOGY LIMITED, NZ
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[72] SCHADT, OLIVER, DE
[72] DORSCH, DIETER, DE
[72] BLAUKAT, ANDREE, DE
[73] MERCK PATENT GMBH, DE
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[54] **GENERATION ENZYMATIQUE D'OLIGOSACCHARIDES A PARTIR DE CEREALES OU DE BI-SOUCHES DE CEREALE**
[72] SOERENSEN, JENS FRISBAEK, DK
[72] MIKKELSEN, RENE, DK
[72] POULSEN, CHARLOTTE HORSMANS, DK
[72] KRAGH, KARSTEN MATTHIAS, DK
[73] SOERENSEN, JENS FRISBAEK, ZZ
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[72] JEAN, MARCEL, CA
[72] GATIEN, DANIEL, CA
[72] BELANGER, GERMAIN, CA
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[54] **COMPOSITIONS DETERGENTES LIQUIDES D'ESTOLIDES SULFONES ET AUTRES DERIVES D'ACIDES GRAS POUR LAVAGES DELICATS ET LEURS UTILISATIONS**
[72] BERNHARDT, RANDAL J., US
[72] ALONSO, LOURDES R., US
[72] DADO, GREGORY P., US
[73] STEPAN COMPANY, US
[73] BERNHARDT, RANDAL J., ZZ
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[54] **AGENT D'ABSORPTION CONTENANT UN ACIDE AMINE ET UN PROMOTEUR ACIDE POUR L'ELIMINATION DE GAZ ACIDES**
[72] VORBERG, GERALD, DE
[72] KATZ, TORSTEN, DE
[72] SIEDER, GEORG, DE
[72] RIEMANN, CHRISTIAN, DE
[72] WAGNER, RUPERT, DE
[72] LICHTFERS, UTE, DE
[72] DENGLER, ERIKA, DE
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[73] VORBERG, GERALD, ZZ
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[72] JUNG, ANDREE, DE
[72] BESSELER, JENS, DE
[72] KRAKOWKA, MANUEL, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[72] COHN, DANIEL T., US
[72] BRANDWINE, ERIC JASON, US
[72] DOANE, ANDREW J., US
[73] AMAZON TECHNOLOGIES, INC., US
[73] COHN, DANIEL T., ZZ
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[54] **SYSTEME ET EQUIPEMENT DE DETECTION OPTIQUE DE PARTICULES A EVENTAIL DE DECOUPLAGE DE L'INFORMATION OPTIQUE, PROCEDE DE FABRICATION CORRESPONDANT**
[72] BENISTY, HENRI, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[73] BENISTY, HENRI, ZZ
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[54] **PROCEDE ET SYSTEME DE VALORISATION DE MATERIAUX ET/OU PRODUITS PAR PUISSANCE PULSEE**
[72] BENTAJ, ABDELAZIZ, FR
[72] OUAYAHYA, NADIR, FR
[72] CLEMENT, JEAN LOUIS, FR
[72] TUTUSAUS, JEAN PIERRE, FR
[73] CAMILLE COMPAGNIE D'ASSISTANCE MINIERE ET INDUSTRIELLE, FR
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[54] **LOCALISATEUR DE GUIDE CHIRURGICAL ET SUPPORT SPECIFIQUE DE PATIENT**
[72] CARROLL, MICHAEL, US
[72] OBERT, RICHARD, US
[72] STEMNISKI, PAUL, US
[73] CARROLL, MICHAEL, ZZ
[73] OBERT, RICHARD, ZZ
[73] STEMNISKI, PAUL, ZZ
[73] MICROPORT ORTHOPEDICS HOLDINGS INC., NL
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[72] CIOCHON, TOMASZ, CA
[72] GILLHAM, JASON GREGORY, CA
[73] 2G ROBOTICS INC., CA
[73] CIOCHON, TOMASZ, CA
[73] GILLHAM, JASON GREGORY, CA
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[54] **SYSTEMES ET PROCEDES DE GESTION DE DISTRIBUTION DE MEDICAMENTS**
[72] KRULEVITCH, PETER, US
[72] WILK, ROBERT, US
[72] KRAFT, ULRICH, DE
[72] SAVAGE, DONNA, US
[72] FOLEY, NICK, GB
[72] GLENCROSS, JAMES, GB
[72] SHEPHERD, DAVID, GB
[72] SIEH, ZARA, US
[72] PRICE, DAVID M. D., US
[73] LIFESCAN, INC., US
[73] KRULEVITCH, PETER, ZZ
[73] WILK, ROBERT, ZZ
[73] KRAFT, ULRICH, ZZ
[73] SAVAGE, DONNA, ZZ
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[73] SHEPHERD, DAVID, ZZ
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[54] **MATERIAU DE TOITURE POUR ARETIER ET FAITAGE**
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[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[73] GRUBKA, LAWRENCE, ZZ
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[54] **POLYMERE RETICULE GONFLABLE**
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[72] ZORNES, DAVID R., US
[72] NEEDHAM, RILEY B., US
[72] HEDGES, JAMES H., US
[72] JOHNSTON, EVERETT L., US
[72] SCULLY, FAYE L., US
[73] CONOCOPHILLIPS COMPANY, US
[73] MORADIARAGHI, AHMAD, ZZ
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[72] SHIMIZU, SAKAYU, JP
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[73] SUNTORY HOLDINGS LIMITED, JP
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[73] DOW AGROSCIENCES LLC, US
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[54] **INJECTION NUMERIQUE DE CHALEUR AU MOYEN DE DISPOSITIFS SEMI-CONDUCTEURS A EMISSION DE SURFACE**
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[72] JOHNSON, BENJAMIN D., US
[72] KATZ, JONATHAN M., US
[72] MOORE, MARK W., US
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[73] MAYA GROUP, FR
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[73] SPINAL SIMPLICITY LLC, US
[73] HESS, HAROLD, ZZ
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[54] **PROCEDE ET SYSTEME DE PROTECTION DE BOIS IMMERGE**
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[54] **PROCEDES, SYSTEMES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR SELECTIONNER ET DELIVRER DES CERTIFICATS DE VALEUR ELECTRONIQUES A L'AIDE D'UN DISPOSITIF MOBILE**
[72] KUMAR, PRADEEP, US
[72] DELAGRANGE, MIKEL ROBERT, US
[73] KUMAR, PRADEEP, ZZ
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[72] TUOMINEN, JUKKA, FI
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[54] **SYSTEME ET PROCEDE UTILISANT UNE CORRECTION D'ERREURS SANS CIRCUIT DE RETOUR DANS LE CADRE D'UNE COMPRESSION VIDEO**
[72] PERLMAN, STEPHEN G., US
[72] VAN DER LAAN, ROGER, US
[72] COTTER, TIMOTHY, US
[72] FURMAN, SCOTT, US
[72] MCCOOL, ROBERT, US
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[54] **ETIQUETTE ADHESIVE REPOSITIONNABLE CONTENANT UNE COUCHE DE FILM POLYMERE A MODULE EN TRACTION ELEVE**
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[73] AVERY DENNISON CORPORATION, US
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[54] **MOYENS ET PROCEDES POUR DETERMINER LA QUANTITE DE POLYPEPTIDE NEUROTOXINE ET DE SES ACTIVITES CATALYTIQUES ET PROTEOLYTIQUES**
[72] PFEIL, MICHAEL, DE
[72] FRIEDRICH, JOSEF, DE
[73] MERZ PHARMA GMBH & CO. KGAA, DE
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[54] **UTILISATION DE COMPOSES 1-PHENYL-3-DIMETHYLAMINOPROPANE POUR TRAITER UNE DOULEUR RHUMATOIDE**
[72] JAHNEL, ULRICH, DE
[72] SCHIENE, KLAUS, DE
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[54] **SYSTEME ET PROCEDE POUR TRANSFERER L'ENERGIE ENTRE UN SYSTEME D'ALIMENTATION POUR AVION ET DES DISPOSITIFS DE STOCKAGE D'ENERGIE**
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[73] GE AVIATION SYSTEMS LLC, US
[73] RADUN, ARTHUR VORWERK, ZZ
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[72] MCGRAIL, PATRICK TERENCE, GB
[73] CYTEC TECHNOLOGY CORP., US
[73] BAIDAK, ALEXANDRE A., ZZ
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[54] **PROCEDES ET SYSTEMES POUR UN TRANSFERT D'ENERGIE SANS RUPTURE AVEC UN CONVERTISSEUR**
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[72] WILTSHIRE, JOHN H. D., CA
[72] DAVE, RAVI VIPOOL BALMUKUND, CA
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[54] **PROCEDES ET APPAREIL POUR DETERMINER OPTIQUEMENT DES VITESSES DE FLUIDES DE FOND DE TROU**
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] WELLS, JEFFREY LANE, US
[72] DAGDELEN UYSAL, DILEK, US
[73] FRANWELL, INC., US
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[54] **DISPOSITIF DE DETECTION DE DECHARGE PARTIELLE APTE A DETERMINER L'ORIGINE EXTERIEURE OU INTERIEURE D'UNE DECHARGE PARTIELLE ET PROCEDE ASSOCIE**
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[72] LOUISE, SEBASTIEN, FR
[73] LUNA, GILBERT, ZZ
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[73] ALSTOM TECHNOLOGY LTD., CH
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[54] **PREPARATION ADHESIVE CONTENANT DU FENTANYL DESTINEE A UN USAGE EXTERNE**
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[72] HATTORI, KENICHI, JP
[72] MATSUSHITA, KUNIHIKO, JP
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[72] CREMER, AXEL, DE
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[54] **MODULATEURS DES RECEPTEURS 5-HT, ET PROCEDES D'UTILISATION CORRESPONDANTS**
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[72] BRAJE, WILFRIED, DE
[72] DJURIC, STEVAN W., US
[72] WILSON, NOEL S., US
[72] TURNER, SEAN C., DE
[72] KRUGER, ALBERT W., US
[72] RELO, ANA-LUCIA, DE
[72] SHEKHAR, SHASHANK, US
[72] WELCH, DENNIE S., US
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[72] GANDARILLA, JORGE, US
[72] GASIECKI, ALAN F., US
[72] LI, HUANQIU, US
[72] THOMPSON, CHRISTINA M., US
[72] ZHANG, MIN, US
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[73] BRAJE, WILFRIED, ZZ
[73] DJURIC, STEVAN W., ZZ
[73] WILSON, NOEL S., ZZ
[73] TURNER, SEAN C., ZZ
[73] KRUGER, ALBERT W., ZZ
[73] RELO, ANA-LUCIA, ZZ
[73] SHEKHAR, SHASHANK, ZZ
[73] WELCH, DENNIE S., ZZ
[73] ZHAO, HONGYU, ZZ
[73] GANDARILLA, JORGE, ZZ
[73] GASIECKI, ALAN F., ZZ
[73] LI, HUANQIU, ZZ
[73] THOMPSON, CHRISTINA M., ZZ
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[73] ABBVIE INC., US
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[54] **PROCEDE PERMETTANT DE DETECTER ET DE SEQUENCER DES PEPTIDES AYANT SUBI UNE MODIFICATION POST-TRADUCTIONNELLE**
[72] HUGHES, CHRISTOPHER JOHN, GB
[72] MCKENNA, THERESE, GB
[72] GORDON, DAVID, GB
[72] KENNY, DANIEL JAMES, GB
[73] MICROMASS UK LIMITED, GB
[73] HUGHES, CHRISTOPHER JOHN, ZZ
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[54] **DISPOSITIF DE DISTRIBUTION D'UN ADHESIF**
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[72] TANAKA, KAZUNA, US
[72] NAOI, YUKIKO, US
[72] FOCHT, KENNETH ALLEN, US
[73] COHERA MEDICAL, INC., US
[73] KAPEC, JEFFREY S., ZZ
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[54] **RESEAU SANS FIL D'IDENTIFICATION ET D'INVESTIGATION POUR EQUIPEMENTS SPATIAUX**
[72] GUYOT, PHILIPPE, FR
[72] BAINIER, CHRISTIAN, FR
[73] THALES, FR
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[54] **FIBRES OPTIQUES EN FORME DE LASER CONJOINTEMENT AVEC DES ENSEMBLES OPTIQUES ET PROCEDES APPARENTES**
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[72] ROSSON, JOEL C., US
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[72] RYDIN, BJORN, SE
[72] LUCIANO, WILLIAM, US
[73] ALBANY INTERNATIONAL CORP., US
[73] HANSEN, ROBERT A., ZZ
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[54] **OPTICAL SENSOR AND METHOD OF USE**
[54] **DETECTEUR OPTIQUE ET SON PROCEDE D'UTILISATION**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] PARKER, TOM RICHARD, GB
[72] SHATALIN, SERGEY, GB
[73] SILIXA LTD, GB
[73] FARHADIROUSHAN, MAHMOUD, ZZ
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[54] **REDUCTION DE L'AGREGATION A L'ORIGINE DE PAILLETTES DANS DES COMPOSITIONS A BASE D'UN PRINCIPE ACTIF NANOPARTICULAIRE**
[72] RYDE, NIELS P., US
[72] SNYDER, PETER, US
[72] LIU, WEI, US
[72] SLIFER, DAVID M., US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
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[54] **INTERACTION DE BOUT D'AILE ET DE NAGEOIRE SUR UN AVION AMPHIBIE**
[72] KARKOW, JON, US
[72] HAWKINS, KIRK, US
[72] GIONTA, MATTHEW, US
[72] STRAND, STEEN, US
[73] ICON AIRCRAFT, INC., US
[73] KARKOW, JON, ZZ
[73] HAWKINS, KIRK, ZZ
[73] GIONTA, MATTHEW, ZZ
[73] STRAND, STEEN, ZZ
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[73] BASF SE, DE
[73] MENTE, DONALD CHARLES, ZZ
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[54] **IMMUNO-COMPATIBLE HYDROGEL SYSTEM**
[54] **SYSTEME D'HYDROGEL IMMUNOCOMPATIBLE**
[72] BURKE, NICHOLAS, CA
[72] MILLS, CASEY, CA
[72] STOVER, HARALD, CA
[73] MILLS, CASEY, ZZ
[73] MCMASTER UNIVERSITY, CA
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[54] **HYDROCARBON GAS PROCESSING**
[54] **TRAITEMENT D'HYDROCARBURE GAZEUX**
[72] JOHNKE, ANDREW F., US
[72] LEWIS, W. LARRY, US
[72] WILKINSON, JOHN D., US
[72] LYNCH, JOE T., US
[72] HUDSON, HANK M., US
[72] CUELLAR, KYLE T., US
[73] ORTLOFF ENGINEERS, LTD., US
[73] JOHNKE, ANDREW F., ZZ
[73] LEWIS, W. LARRY, ZZ
[73] WILKINSON, JOHN D., ZZ
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[54] **INCISION CLOSURE DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FERMETURE D'INCISION**
[72] STRAEHNZ, JENS-PETER, DE
[73] ETHICON, INC., US
[73] STRAEHNZ, JENS-PETER, ZZ
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[54] **MOYEN DE REPRODUCTION POUR CLE A CODAGE ELECTRONIQUE ET PROCEDE ASSOCIE**
[72] REBULI, DAVID, IT
[73] KEYLINE S.P.A., IT
[73] REBULI, DAVID, ZZ
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[54] **INTERLEUKIN-3 RECEPTOR ALPHA CHAIN-BINDING ANTIBODY TO TREAT LEUKEMIA**
[54] **ANTICORPS SE LIANT A LA CHAINE ALPHA DU RECEPTEUR D'INTERLEUKINE-3 DESTINE A TRAITER LA LEUCEMIE**
[72] TAWARA, TOMONORI, JP
[72] TAKAYANAGI, SHINICHIRO, JP
[72] INAGAKI, YOSHIMASA, JP
[73] KYOWA HAKKO KIRIN CO., LTD., JP
[73] TAWARA, TOMONORI, ZZ
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[54] **VULCANIZABLE COMPOSITION HAVING ACOUSTIC ATTENUATING PROPERTIES**
[54] **COMPOSITION VULCANISABLE PRESENTANT DES PROPRIETES D'AMORTISSEMENT ACOUSTIQUE**
[72] KOHLSTRUNG, RAINER, DE
[72] YAMADA, TAKEHITO, DE
[73] HENKEL AG & CO. KGAA, DE
[73] KOHLSTRUNG, RAINER, ZZ
[73] YAMADA, TAKEHITO, ZZ
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[54] **SYSTEMS AND APPARATUS FOR AUTOMATICALLY DERIVING AND MODIFYING PERSONAL PREFERENCES APPLICABLE TO MULTIPLE CONTROLLABLE LIGHTING NETWORKS**
[54] **SYSTEMES ET APPAREIL DE DEDUCTION ET DE MODIFICATION AUTOMATIQUES DE PREFERENCES PERSONNELLES APPLICABLES A DE MULTIPLES RESEAUX D'ECLAIRAGE POUVANT ETRE COMMANDES**
[72] LOVELAND, DAMIEN, US
[72] VERMEULEN, AREND JAN WILHELMUS ABRAHAM, US
[72] ASHDOWN, IAN, US
[72] KETELAARS, LOUIS, US
[73] LOVELAND, DAMIEN, ZZ
[73] VERMEULEN, AREND JAN WILHELMUS ABRAHAM, ZZ
[73] ASHDOWN, IAN, ZZ
[73] KETELAARS, LOUIS, ZZ
[73] PHILIPS LIGHTING HOLDING B.V., NL
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[54] **EXTRUSION DIE HEAD**
[54] **TETE DE FILIERE D'EXTRUSION**
[72] BUFTON, ANDREW, GB
[73] CADBURY UK LIMITED, GB
[73] BUFTON, ANDREW, ZZ
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[54] **LOCKING FIRE HYDRANT**
[54] **BORNE D'INCENDIE A VERROUILLAGE**
[72] SIGELAKIS, GEORGE, US
[72] HAYDUK, MATTHEW, US
[73] SIGELOCK SYSTEMS, L.L.C., US
[73] SIGELAKIS, GEORGE, ZZ
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[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE PLAIE**
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[73] PREMCO MEDICAL SYSTEMS, INC., US
[73] JACOBS, HAROLD L., ZZ
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[54] **METHOD AND APPARATUS FOR PRODUCING A COOLED HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN FLUX HYDROCARBONE REFROIDI**
[72] CHANTANT, FRANCOIS, NL
[72] LONGE, TOLULOPE BILIKISU, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[73] CHANTANT, FRANCOIS, ZZ
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[72] SLADE, RICHARD PAUL, GB
[73] ASTRIUM LIMITED, GB
[73] SLADE, RICHARD PAUL, ZZ
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[54] **SYSTEM AND METHOD FOR SELECTING OPTIMUM LOCAL OSCILLATOR DISCIPLINE SOURCE**
[54] **SYSTEME ET METHODE DE SELECTION D'UNE SOURCE OPTIMALE DE CORRECTION D'UN OSCILLATEUR LOCAL**
[72] SMILEY, RUSSELL, CA
[72] NICHOLLS, CHARLES, CA
[73] SMILEY, RUSSELL, CA
[73] NICHOLLS, CHARLES, CA
[73] APPLE INC., US
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[54] **LOW TEMPERATURE PERFORMANCE LUBRICATING OIL DETERGENTS AND METHOD OF MAKING THE SAME**
[54] **DETERGENTS POUR HUILES LUBRIFIANTES A PERFORMANCES A TEMPERATURE BASSE ET LEUR PROCEDE DE FABRICATION**
[72] CAMPBELL, CURTIS BAY, US
[72] SPALA, EUGENE EDWARD, US
[72] HORN, WILLIE, JR., US
[73] CHEVRON ORONITE COMPANY LLC, US
[73] CAMPBELL, CURTIS BAY, ZZ
[73] SPALA, EUGENE EDWARD, ZZ
[73] HORN, WILLIE, JR., ZZ
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[54] **SINGLE OPERATOR DEVICE FOR DELIVERING AN OCULAR IMPLANT**
[54] **DISPOSITIF D'OPERATEUR UNIQUE POUR POSE D'UN IMPLANT OCULAIRE**
[72] WARDLE, JOHN, US
[72] SCHIEBER, ANDREW T., US
[73] IVANTIS, INC., US
[73] WARDLE, JOHN, ZZ
[73] SCHIEBER, ANDREW T., ZZ
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[54] **OCULAR IMPLANTS FOR RESIDING PARTIALLY IN SCHLEMM'S CANAL**
[54] **IMPLANTS OCULAIRES DESTINES A UNE INSTALLATION PARTIELLE DANS LE CANAL DE SCHLEMM**
[72] WARDLE, JOHN, US
[72] SCHIEBER, ANDREW T., US
[72] GALT, KENNETH M., US
[73] IVANTIS, INC., US
[73] WARDLE, JOHN, ZZ
[73] SCHIEBER, ANDREW T., ZZ
[73] GALT, KENNETH M., ZZ
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[54] **METHOD FOR MANUFACTURING COMPOSITE CONNECTING RODS AND CONNECTING RODS PRODUCED ACCORDING TO THE METHOD**
[54] **METHODE DE FABRICATION DE TIGES DE RACCORDEMENT EN COMPOSITE ET TIGES DE RACCORDEMENT PRODUITES SELON LA METHODE**
[72] BOVEROUX, BENOIT, BE
[72] DARDENNE, DANIEL, BE
[73] BD INVENT, BE
[73] BOVEROUX, BENOIT, ZZ
[73] DARDENNE, DANIEL, ZZ
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[54] **SUPPORT RECONFIGURABLE POUR POSTE DE TRAVAIL**
[72] SCHIAVELLO, PETER PAUL, AU
[72] GEYER, PETER, AU
[72] FIELD, OLIVER MARTYN, AU
[72] FRANCO, JOSEPH, AU
[73] SCHIAVELLO (VIC) PTY LTD, AU
[73] SCHIAVELLO, PETER PAUL, ZZ
[73] GEYER, PETER, ZZ
[73] FIELD, OLIVER MARTYN, ZZ
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[54] **DRUG DELIVERY SYSTEM COMPRISING POLYOXAZOLINE AND A BIOACTIVE AGENT**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT COMPRENANT DE LA POLYOXAZOLINE ET UN AGENT BIOACTIF**
[72] BENDER, JOHANNES CASPAR MATHIAS ELIZABETH, NL
[72] HOOGENBOOM, RICHARD, NL
[72] VAN VLIET, PATRICK ANDREAS ANTON, NL
[73] BENDER ANALYTICAL HOLDING B.V., NL
[73] BENDER, JOHANNES CASPAR MATHIAS ELIZABETH, ZZ
[73] HOOGENBOOM, RICHARD, ZZ
[73] VAN VLIET, PATRICK ANDREAS ANTON, ZZ
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[54] **MACHINE D'ENROULEMENT DE BALLONNET A QUADRILLAGE**
[72] GRAVES, DAVID M., US
[72] PARMENTIER, WILLIAM E., US
[72] LERDAHL, ROBERT G., US
[72] CARR, PHILLIP E., US
[72] KELLY, JO ANN, US
[73] C.R. BARD, INC., US
[73] GRAVES, DAVID M., ZZ
[73] PARMENTIER, WILLIAM E., ZZ
[73] LERDAHL, ROBERT G., ZZ
[73] CARR, PHILLIP E., ZZ
[73] KELLY, JO ANN, ZZ
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[54] **MIRRORED COMPASS WITH IMPROVED SIGHTING WINDOW**
[54] **COMPAS SUR FOND DE MIROIR AVEC FENETRE D'OBSERVATION AMELIOREE**
[72] IDEN, MARLIN, US
[73] FENIX OUTDOOR AB, SE
[73] IDEN, MARLIN, ZZ
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[25] EN
[54] **METHOD FOR TREATING A MULTI-PHASE HYDROCARBON STREAM AND AN APPARATUS THEREFOR**
[54] **PROCEDE POUR LE TRAITEMENT D'UN COURANT D'HYDROCARBURE A PLUSIEURS PHASES ET APPAREIL CORRESPONDANT**
[72] ANGHEL, ALEXANDRA TEODORA, NL
[72] JAGER, MARCO DICK, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[73] ANGHEL, ALEXANDRA TEODORA, ZZ
[73] JAGER, MARCO DICK, ZZ
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[54] **POWDER COATING COMPOSITIONS CAPABLE OF HAVING A SUBSTANTIALLY NON-ZINC CONTAINING PRIMER**
[54] **COMPOSITIONS DE REVETEMENT DE POUDRE APTES A AVOIR UN AMORCEUR NE CONTENANT SENSIBLEMENT PAS DE ZINC**
[72] LUCAS, CHAD, US
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[73] LUCAS, CHAD, ZZ
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[54] **17-HYDROXY-17-PENTAFLUORETHYL-ESTRA-4,9(10)-DIEN-11-ARYL DERIVATIVES, METHODS FOR THE PRODUCTION THEREOF AND USE THEREOF FOR TREATING DISEASES**
[54] **DERIVES 17-HYDROXY-17-PENTAFLUORETHYL-ESTRA-4,9(10)-DIENE-11-ARYLES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES**
[72] SCHWEDE, WOLFGANG, DE
[72] KLAR, ULRICH, DE
[72] MOELLER, CARSTEN, DE
[72] ROTGERI, ANDREA, DE
[72] BONE, WILHELM, DE
[73] SCHWEDE, WOLFGANG, ZZ
[73] KLAR, ULRICH, ZZ
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[73] ROTGERI, ANDREA, ZZ
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[54] **METHOD OF JOINING TUBING FOR USE IN MEDICAL CATHETERS**
[54] **PROCEDE DE JONCTION DE TUBULURE POUR APPLICATION DANS DES CATHETERS MEDICAUX**
[72] WUEBBELING, MARTIN, DE
[72] DIETRICH, DANIEL, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[73] WUEBBELING, MARTIN, ZZ
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[54] **THREE-DIMENSIONAL (3D) ULTRASOUND IMAGING SYSTEM FOR ASSESSING SCOLIOSIS**
[54] **SYSTEME D'IMAGERIE TRIDIMENSIONNELLE (3D) PAR ULTRASONS POUR EVALUER UNE SCOLIOSE**
[72] ZHENG, YONGPING, CN
[72] CHEUNG, JAMES CHUNG WAI, CN
[73] THE HONG KONG POLYTECHNIC UNIVERSITY, CN
[73] ZHENG, YONGPING, ZZ
[73] CHEUNG, JAMES CHUNG WAI, ZZ
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[54] **DEVICE FOR EXTRACTING BLOOD FROM THE PLACENTA AND/OR UMBILICAL CORD**
[54] **DISPOSITIF POUR EXTRAIRE LE SANG DU PLACENTA ET/OU DU CORDON OMBILICAL**
[72] ALVAREZ RAMOS, ANGEL GABRIEL, ES
[73] AGAR DESARROLLOS INNOVADORES EN BIOTECNOLOGIA, S.L., ES
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[54] **CUSTOM CONTACT LENSES WITH FIDUCIAL MARKINGS**
[54] **LENTILLES DE CONTACT PERSONNALISEES POURVUES DE MARQUES DE CALIBRAGE**
[72] CHEHAB, KHALED A., US
[72] COLLINS, MICHAEL J., AU
[72] ROFFMAN, JEFFREY H., US
[72] FRANKLIN, ROSS, US
[72] DAVIS, BRETT A., AU
[72] ISKANDER, D. ROBERT, AU
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[73] CHEHAB, KHALED A., ZZ
[73] COLLINS, MICHAEL J., ZZ
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[73] FRANKLIN, ROSS, ZZ
[73] DAVIS, BRETT A., ZZ
[73] ISKANDER, D. ROBERT, ZZ
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[54] **DENTAL LASER SYSTEM USING MIDRANGE GAS PRESSURE**
[54] **SYSTEME DENTAIRE LASER UTILISANT UNE PRESSION DE GAZ MOYENNE**
[72] MONTY, NATHAN PAUL, US
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[54] **METHOD FOR MANUFACTURING NON-FLAT AGGLOMERATED STONE PRODUCTS**
[54] **PROCEDE POUR LA FABRICATION DE PRODUITS AGGLOMERES PIERREUX NON PLATS**
[72] RAMON MORENO, JOSE LUIS, ES
[72] RODRIGUEZ GARCIA, SALVADOR CRISTOBAL, ES
[72] MEDINA JIMENEZ, ADRIAN, ES
[73] COSENTINO, S.A., ES
[73] RAMON MORENO, JOSE LUIS, ZZ
[73] RODRIGUEZ GARCIA, SALVADOR CRISTOBAL, ZZ
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[54] **PROCESS FOR PREPARING CINACALCET**
[54] **PROCEDE DE PREPARATION DE CINACALCET**
[72] CATOZZI, NICOLA, IT
[72] COTARCA, LIVIUS, IT
[72] FOLETTO, JOHNNY, IT
[72] FORCATO, MASSIMILIANO, IT
[72] GIOVANETTI, ROBERTO, IT
[72] SORIATO, GIORGIO, IT
[72] VERZINI, MASSIMO, IT
[73] CATOZZI, NICOLA, ZZ
[73] COTARCA, LIVIUS, ZZ
[73] FOLETTO, JOHNNY, ZZ
[73] FORCATO, MASSIMILIANO, ZZ
[73] GIOVANETTI, ROBERTO, ZZ
[73] SORIATO, GIORGIO, ZZ
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[73] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT
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[25] EN
[54] **MICROBIALLY-STABLE VITAMIN E SOLUTIONS**
[54] **SOLUTIONS DE VITAMINE E MICROBIOLOGIQUEMENT STABLES**
[72] CAMPBELL, MARTA, US
[72] SARAMA, ROBERT, US
[73] CAMPBELL, MARTA, ZZ
[73] SARAMA, ROBERT, ZZ
[73] SUNNY DELIGHT BEVERAGES CO., US
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[25] EN
[54] **FLUID DRIVEN RECIPROCATING LINEAR MOTOR**
[54] **MOTEUR LINEAIRE ALTERNATIF ENTRAINE PAR FLUIDE**
[72] DEPIAK, ADAM, CA
[72] DEPIAK, KAROL, CA
[73] DEPIAK INDUSTRIAL TECHNOLOGY CORPORATION, CA
[73] DEPIAK, ADAM, CA
[73] DEPIAK, KAROL, CA
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[54] **ACIDE HYALURONIQUE RETICULE DESTINE A SOULAGER LES DOULEURS ARTICULAIRES**
[72] HOSOKAWA, HIROYUKI, JP
[72] LIM, SOOYEOL, JP
[72] ODA, JUNKO, JP
[73] SEIKAGAKU CORPORATION, JP
[73] HOSOKAWA, HIROYUKI, ZZ
[73] LIM, SOOYEOL, ZZ
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[54] **CONNECTEUR ELECTRIQUE DE CHARNIERE**
[72] WORLEY, ANDREW, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[73] WORLEY, ANDREW, ZZ
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[54] **AQUEOUS SUSPENSION CONCENTRATE FORMULATIONS CONTAINING SAFLUFENACIL**
[54] **PREPARATIONS D'UN CONCENTRE AQUEUX EN SUSPENSION CONTENANT DU SAFLUFENACIL**
[72] KRAPP, MICHAEL, DE
[72] GREGORI, WOLFGANG, DE
[72] KOLB, KLAUS, DE
[72] SIEVERNICH, BERND, DE
[72] SAXELL, HEIDI EMILIA, DE
[72] STEUERWALD, JOERG, DE
[72] BOWE, STEVEN, US
[72] LIEBL, REX, US
[72] CANNAN, TERRANCE M., US
[73] BASF SE, DE
[73] KRAPP, MICHAEL, ZZ
[73] GREGORI, WOLFGANG, ZZ
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[73] SIEVERNICH, BERND, ZZ
[73] SAXELL, HEIDI EMILIA, ZZ
[73] STEUERWALD, JOERG, ZZ
[73] BOWE, STEVEN, ZZ
[73] LIEBL, REX, ZZ
[73] CANNAN, TERRANCE M., ZZ
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[54] **DEVICE, SYSTEM, AND METHOD FOR MECHANOSENSORY NERVE ENDING STIMULATION**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE STIMULATION DE TERMINAISONS NERVEUSES MECANO-SENSIBLES**
[72] BARLOW, STEVEN M., US
[72] VENKATESAN, LALIT, US
[73] UNIVERSITY OF KANSAS, US
[73] BARLOW, STEVEN M., ZZ
[73] VENKATESAN, LALIT, ZZ
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[54] **SEMELLE INTERIEURE**
[72] HANAK, JOSEF, CZ
[73] HANAK, JOSEF, ZZ
[73] BOTY J HANAK R. S.R.O., CZ
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[25] EN
[54] **A PHOTOBIOREACTOR COMPRISING ALTERNATING SUPPORT ELEMENTS, TENSIONING ELEMENTS, AND A FLEXIBLE RECEPTACLE**
[54] **UN PHOTOBIOREACTEUR RENFERMANT EN ALTERNANCE DES ELEMENTS DE SOUTIEN, DES ELEMENTS DE MISE SOUS TENSION ET UN RECEPTACLE SOUPLE**
[72] DAHLE, LARS ANDREAS, NO
[73] MICROA AS, NO
[73] DAHLE, LARS ANDREAS, ZZ
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[54] **(4-PHENYL-PIPERIDIN-1-YL)-[5-(1H-PYRAZOL-4-YL)-THIOPHEN-3-YL]-METHANONE COMPOUNDS AND THEIR USE**
[54] **COMPOSES DE (4-PHENYL-PIPERIDIN-1-YL)-[5-1H-PYRAZOL-4-YL)-THIOPHEN-3-YL]-METHANONE ET LEUR UTILISATION**
[72] WEBSTER, SCOTT PETER, GB
[72] SECKL, JONATHAN ROBERT, GB
[72] WALKER, BRIAN ROBERT, GB
[72] WARD, PETER, GB
[72] PALLIN, THOMAS DAVID, GB
[72] DYKE, HAZEL JOAN, GB
[72] PERRIOR, TREVOR ROBERT, GB
[73] THE UNIVERSITY OF EDINBURGH, GB
[73] WEBSTER, SCOTT PETER, ZZ
[73] SECKL, JONATHAN ROBERT, ZZ
[73] WALKER, BRIAN ROBERT, ZZ
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[73] PALLIN, THOMAS DAVID, ZZ
[73] DYKE, HAZEL JOAN, ZZ
[73] PERRIOR, TREVOR ROBERT, ZZ
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[54] **DISPOSITIFS D'EXPANSION**
[72] DALL, VAGN-ERIK, GB
[72] BUENGER, CODY ERIC, GB
[73] DALMATIC A/S, DK
[73] DALL, VAGN-ERIK, ZZ
[73] BUENGER, CODY ERIC, ZZ
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[25] EN
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[54] **MACHINE A BOISSONS DANS UN RESEAU**
[72] YOAKIM, ALFRED, CH
[73] NESTEC S.A., CH
[73] YOAKIM, ALFRED, ZZ
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[25] EN
[54] **LOW VOLATILE AMINE SALTS OF ANIONIC PESTICIDES**
[54] **SELS D'AMINES PEU VOLATILS DE PESTICIDES ANIONIQUES**
[72] XU, WEN, US
[72] KIERKUS, PAUL CH., US
[72] BRUNT, STEVEN, US
[72] BOWE, STEVEN, US
[72] HIXSON, ADAM, US
[72] CANNAN, TERRANCE M., US
[73] BASF SE, DE
[73] XU, WEN, ZZ
[73] KIERKUS, PAUL CH., ZZ
[73] BRUNT, STEVEN, ZZ
[73] BOWE, STEVEN, ZZ
[73] HIXSON, ADAM, ZZ
[73] CANNAN, TERRANCE M., ZZ
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[54] **A METHOD AND SYSTEM TO VALIDATE WIRED SENSORS**
[54] **METHODE ET SYSTEME DE VALIDATION DE CAPTEURS A FILS**
[72] JIANG, JIN, CA
[72] LI, QINGFENG, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[73] JIANG, JIN, CA
[73] LI, QINGFENG, CA
[86] (2773370)
[87] (2773370)
[22] 2012-04-05
[30] US (61/472,993) 2011-04-07

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[25] EN
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[54] **FILTRE POUR SUBSTANCES LIQUIDES OU GAZEUSES**
[72] KONZELMANN, MARTIN, DE
[73] KARL KUEFNER KG, DE
[73] KONZELMANN, MARTIN, ZZ
[85] 2012-03-13
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[25] EN
[54] **SERUM-BASED BIOMARKERS OF PANCREATIC CANCER AND USES THEREOF FOR DISEASE DETECTION AND DIAGNOSIS**
[54] **BIOMARQUEURS SERIQUES DU CANCER DU PANCREAS ET LEURS UTILISATIONS EN VUE DE LA DETECTION ET DU DIAGNOSTIC DE LA MALADIE**
[72] RITCHIE, SHAWN, CA
[72] PASTURAL, ELODIE, CA
[73] PHENOMENOME DISCOVERIES INC., CA
[73] RITCHIE, SHAWN, CA
[73] PASTURAL, ELODIE, CA
[85] 2012-03-21
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[25] EN
[54] **BOVINE GERMICIDE APPLICATION TECHNOLOGY**
[54] **TECHNIQUE D'APPLICATION DE GERMICIDE SUR LES BOVINS**
[72] HAKES, DENNIS LEE, US
[72] HAKES, JEAN ANN, US
[73] MASTITIS MANAGEMENT TOOLS, INC., US
[73] HAKES, DENNIS LEE, ZZ
[73] HAKES, JEAN ANN, ZZ
[85] 2012-03-21
[86] 2010-09-30 (PCT/US2010/050991)
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[51] **Int.Cl. B65D 77/04 (2006.01) B65D 1/02 (2006.01) B65D 5/50 (2006.01)**
[25] EN
[54] **COMPOSITE CONTAINERS**
[54] **RECEPTACLES COMPOSITES**
[72] HEIRMAN, MARC, BE
[72] WARDENIER, DANIEL ACHIEL CAMIEL, BE
[73] CARGILL, INCORPORATED, US
[73] HEIRMAN, MARC, ZZ
[73] WARDENIER, DANIEL ACHIEL CAMIEL, ZZ
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[51] **Int.Cl. A63B 23/16 (2006.01)**
[25] EN
[54] **REHABILITATIVE TRAINING DEVICES FOR USE BY STROKE PATIENTS**
[54] **DISPOSITIF D'ENTRAINEMENT DE REEDUCATION POUR DES PATIENTS VICTIMES D'UN ACCIDENT CEREBRO-VASCULAIRE**
[72] WEISZ, DONALD J., US
[72] RAGHAVAN, PREETI, US
[73] WEISZ, DONALD J., ZZ
[73] RAGHAVAN, PREETI, ZZ
[73] MIRRORED MOTION WORKS LLC, US
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[30] US (61/244,708) 2009-09-22
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[51] **Int.Cl. B01F 7/00 (2006.01) B21D 53/78 (2006.01)**
[25] EN
[54] **AXIALLY OPERATING STIRRING ELEMENT, PREFERABLY A PROPELLER MANUFACTURED FROM SHEET METAL**
[54] **ELEMENT DE MALAXAGE A EFFET AXIAL, EN PARTICULIER HELICE FABRIQUEE EN TOLE**
[72] HAHN, RALF, DE
[72] PENSLER, THOMAS, DE
[72] SPRINGER, PEER, DE
[73] KSB AKTIENGESELLSCHAFT, DE
[73] HAHN, RALF, ZZ
[73] PENSLER, THOMAS, ZZ
[73] SPRINGER, PEER, ZZ
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[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF NICOTINE-COMPRISING CHEWING GUM AND NICOTINE-COMPRISING CHEWING GUM MANUFACTURED ACCORDING TO SAID PROCESS**
[54] **PROCEDE DE PRODUCTION D'UNE GOMME A MACHER CONTENANT DE LA NICOTINE ET GOMME A MACHER PRODUITE CONFORMEMENT AU DIT PROCEDE**
[72] HUGERTH, ANDREAS, SE
[72] LINDELL, KATARINA, SE
[72] NICKLASSON, FREDRIK, SE
[72] HENDENSTROM, JOHN, SE
[72] KOLL, GREGORY E., US
[72] SOWDEN, HARRY S., US
[72] LUBER, JOSEPH R., US
[72] KRIKSUNOV, LEO B., US
[72] BUNICK, FRANK J., US
[72] CHEN, JEN-CHI, US
[72] OLSSON, ROLAND, SE
[72] SZYMCZAK, CHRISTOPHER E., US
[73] MCNEIL-PPC, INC., US
[73] HUGERTH, ANDREAS, ZZ
[73] LINDELL, KATARINA, ZZ
[73] NICKLASSON, FREDRIK, ZZ
[73] HENDENSTROM, JOHN, ZZ
[73] KOLL, GREGORY E., ZZ
[73] SOWDEN, HARRY S., ZZ
[73] LUBER, JOSEPH R., ZZ
[73] KRIKSUNOV, LEO B., ZZ
[73] BUNICK, FRANK J., ZZ
[73] CHEN, JEN-CHI, ZZ
[73] OLSSON, ROLAND, ZZ
[73] SZYMCZAK, CHRISTOPHER E., ZZ
[85] 2012-03-23
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[25] EN
[54] **1-DESOXY-2-METHYLENE-19-NOR-VITAMIN D ANALOGS AND THEIR USES**
[54] **ANALOGUES DE 1-DESOXY-2-METHYLENE-19-NOR-VITAMINE D ET LEURS UTILISATIONS**
[72] DELUCA, HECTOR F., US
[72] SIBILSKA, IZABELA, PL
[72] BARYCKA, KATARZYNA M., US
[72] SICINSKI, RAFAL R., PL
[72] PLONSKAOCYPA, KATARZYNA, PL
[72] BARYCKI, RAFAL, US
[72] PLUM, LORI A., US
[72] CLAGETT-DAME, MARGARET, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[73] DELUCA, HECTOR F., ZZ
[73] SIBILSKA, IZABELA, ZZ
[73] BARYCKA, KATARZYNA M., ZZ
[73] SICINSKI, RAFAL R., ZZ
[73] PLONSKAOCYPA, KATARZYNA, ZZ
[73] BARYCKI, RAFAL, ZZ
[73] PLUM, LORI A., ZZ
[73] CLAGETT-DAME, MARGARET, ZZ
[85] 2012-03-30
[86] 2010-09-30 (PCT/US2010/050977)
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[51] **Int.Cl. E02F 5/02 (2006.01)**
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[54] **DITCH FORMING IMPLEMENT**
[54] **ACCESSOIRE DE FORMAGE DE FOSSE**
[72] ZUK, DAVID M., CA
[73] ZUK, DAVID M., CA
[86] (2776762)
[87] (2776762)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING PROPOFOL**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU PROPOFOL**
[72] THEISINGER, BASTIAN, DE
[72] THEISINGER, SONJA, DE
[73] NOVALIQ GMBH, DE
[73] THEISINGER, BASTIAN, ZZ
[73] THEISINGER, SONJA, ZZ
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[25] EN
[54] **MATERIALS FOR ORGANIC ELECTROLUMINESCENT DEVICES**
[54] **MATERIAUX POUR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES**
[72] PARHAM, AMIR HOSSAIN, DE
[72] PFLUMM, CHRISTOF, DE
[73] MERCK PATENT GMBH, DE
[73] PARHAM, AMIR HOSSAIN, ZZ
[73] PFLUMM, CHRISTOF, ZZ
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[25] EN
[54] **2H-PYRROL-5-AMINE DERIVATIVES AS ALPHA ADRENERGIC RECEPTOR MODULATORS**
[54] **DERIVES DE 2H-PYRROL-5-AMINE UTILISES EN TANT QUE MODULATEURS DES RECEPTEURS ALPHA-ADRENERGIQUES**
[72] CHOW, KEN, US
[72] GIL, DANIEL W., US
[72] DONELLO, JOHN E., US
[72] WANG, LIMING, US
[72] CORPUZ, EVELYN G., US
[72] FANG, WENKUI K., US
[72] SINHA, SANTOSH C., US
[72] DIBAS, MOHAMMED I., US
[73] ALLERGAN, INC., US
[73] CHOW, KEN, ZZ
[73] GIL, DANIEL W., ZZ
[73] DONELLO, JOHN E., ZZ
[73] WANG, LIMING, ZZ
[73] CORPUZ, EVELYN G., ZZ
[73] FANG, WENKUI K., ZZ
[73] SINHA, SANTOSH C., ZZ
[73] DIBAS, MOHAMMED I., ZZ
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[25] EN
[54] **COOLING SUBSTRATES WITH HYDROPHILIC CONTAINMENT LAYER AND METHOD OF MAKING**
[54] **REFROIDISSEMENT DE SUBSTRATS AVEC UNE COUCHE DE CONFINEMENT HYDROPHILE ET PROCEDE DE FABRICATION**
[72] WENZEL, SCOTT W., US
[72] SEIDLING, JEFFERY RICHARD, US
[72] MOEN, HELEN KATHLEEN, US
[72] LANG, FREDERICK JOHN, US
[72] SCHARENBROCH, STEPHANIE DIANA, US
[72] BARNES, MARK ANTHONY, US
[72] CASPER, JUDY MARIE, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[73] WENZEL, SCOTT W., ZZ
[73] SEIDLING, JEFFERY RICHARD, ZZ
[73] MOEN, HELEN KATHLEEN, ZZ
[73] LANG, FREDERICK JOHN, ZZ
[73] SCHARENBROCH, STEPHANIE DIANA, ZZ
[73] BARNES, MARK ANTHONY, ZZ
[73] CASPER, JUDY MARIE, ZZ
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[54] **ENDOMETRIAL ABLATION DEVICES AND SYSTEM**
[54] **DISPOSITIFS ET SYSTEME D'ABLATION DE L'ENDOMETRE**
[72] TRUCKAI, CSABA, US
[72] TOTH, AKOS, HU
[73] HERMES INNOVATIONS LLC, US
[73] TRUCKAI, CSABA, ZZ
[73] TOTH, AKOS, ZZ
[85] 2012-04-19
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[25] EN
[54] **LOW-THICKNESS THERMOSTRUCTURAL COMPOSITE MATERIAL PART, AND MANUFACTURE METHOD**
[54] **PIECE EN MATERIAU COMPOSITE THERMOSTRUCTURAL DE FAIBLE EPAISSEUR ET PROCEDE DE FABRICATION**
[72] CHARLEUX, FRANCOIS, FR
[72] COUPE, DOMINIQUE, FR
[72] PHILIPPE, ERIC, FR
[73] CHARLEUX, FRANCOIS, ZZ
[73] COUPE, DOMINIQUE, ZZ
[73] PHILIPPE, ERIC, ZZ
[73] HERAKLES, FR
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[25] EN
[54] **COUPLING SYSTEM, DISTRIBUTOR, PIPE SYSTEM, AND PIPE OFFSET SYSTEM**
[54] **SYSTEME DE RACCORDEMENT, DISTRIBUTEUR, SYSTEME DE CONDUITES ET SYSTEME DE MONTAGE EN DEPORT DE CONDUITES**
[72] KERN-EMMERICH, THOMAS, DE
[72] KELLER, JOERG, DE
[72] GEIER, RUDOLF, DE
[73] UPONOR INNOVATION AB, SE
[73] KERN-EMMERICH, THOMAS, ZZ
[73] KELLER, JOERG, ZZ
[73] GEIER, RUDOLF, ZZ
[85] 2012-04-24
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[51] **Int.Cl. B29C 70/22 (2006.01) B29B 11/16 (2006.01) D03D 3/00 (2006.01)**
[25] EN
[54] **FIBER PREFORM, FIBER REINFORCED COMPOSITE, AND METHOD OF MAKING THEREOF**
[54] **EBAUCHE DE FIBRE, COMPOSITE RENFORCE PAR DES FIBRES ET LEUR PROCEDE DE REALISATION**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[73] GOERING, JONATHAN, ZZ
[85] 2012-04-26
[86] 2010-10-26 (PCT/US2010/054117)
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[25] EN
[54] **NOVEL OXIME DERIVATIVES AND THEIR USE AS ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS**
[54] **NOUVEAUX DERIVES D'OXIMES ET LEUR UTILISATION COMME MODULATEURS ALLOSTERIQUES DE RECEPTEURS METABOTROPIQUES DU GLUTAMATE**
[72] SCHANN, STEPHAN, FR
[72] MAYER, STANISLAS, FR
[72] MORICE, CHRISTOPHE, FR
[72] GIETHLEN, BRUNO, FR
[73] DOMAIN THERAPEUTICS, FR
[73] SCHANN, STEPHAN, ZZ
[73] MAYER, STANISLAS, ZZ
[73] MORICE, CHRISTOPHE, ZZ
[73] GIETHLEN, BRUNO, ZZ
[73] PRESTWICK CHEMICAL, FR
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[54] **A QUICK HITCH COUPLER**
[54] **ATTACHE RAPIDE**
[72] MCCORMICK, PATRICK, IE
[72] MCCORMICK, CAROLINE, IE
[72] MCCORMICK, LORNA, IE
[72] SEGARTY, MARTIN, IE
[72] EGENTON, WILLIAM, IE
[73] MCCORMICK, PATRICK, IE
[73] MCCORMICK, CAROLINE, IE
[73] MCCORMICK, LORNA, IE
[73] SEGARTY, MARTIN, IE
[73] EGENTON, WILLIAM, IE
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[54] **USER INTERFACE PANEL**
[54] **PANNEAU D'INTERFACE UTILISATEUR**
[72] ORELLANA, JAY J., US
[73] TOUCHSENSOR TECHNOLOGIES, LLC, US
[73] ORELLANA, JAY J., ZZ
[85] 2012-04-27
[86] 2010-11-23 (PCT/US2010/057734)
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[51] **Int.Cl. C08G 18/66 (2006.01) B29C 44/10 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A POLYURETHANE FOAM BY MEANS OF A SUPERCRITICAL OR NEAR-CRITICAL PROPELLANT**
[54] **PROCEDE DE PRODUCTION D'UNE MOUSSE DE POLYURETHANE AU MOYEN D'UN AGENT GONFLANT A L'ETAT SUPERCRITIQUE OU PROCHE DU POINT CRITIQUE**
[72] LINDNER, STEFAN, DE
[72] FRIEDERICHS, WOLFGANG, DE
[72] STREY, REINHARD, DE
[72] SOTTMANN, THOMAS, DE
[72] KHAZOVA, ELENA, DE
[72] KRAMER, LORENZ, DE
[72] DAHL, VERENA, DE
[72] CHALBI, AGNES, DE
[73] BAYER MATERIALSCIENCE AG, DE
[73] LINDNER, STEFAN, ZZ
[73] FRIEDERICHS, WOLFGANG, ZZ
[73] STREY, REINHARD, ZZ
[73] SOTTMANN, THOMAS, ZZ
[73] KHAZOVA, ELENA, ZZ
[73] KRAMER, LORENZ, ZZ
[73] DAHL, VERENA, ZZ
[73] CHALBI, AGNES, ZZ
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[25] EN
[54] **CONTAINERS FOR TRANSPORT OF FOOD**
[54] **RECIPIENT POUR LE TRANSPORT D'ALIMENT**
[72] BEKKEN, SVENN, NO
[72] JOERGENSEN, ARVID, NO
[73] BEWI PRODUKTER AS, NO
[73] BEKKEN, SVENN, ZZ
[73] JOERGENSEN, ARVID, ZZ
[85] 2012-05-09
[86] 2010-11-12 (PCT/NO2010/000413)
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[51] **Int.Cl. H04Q 1/04 (2006.01) H04B 10/40 (2013.01) H04B 10/80 (2013.01)**
[25] EN
[54] **OPTICAL BACKPLANE RACK ASSEMBLY WITH EXTERNAL OPTICAL CONNECTORS**
[54] **ENSEMBLE BATI ET FOND DE PANIER OPTIQUE A CONNECTEURS OPTIQUES EXTERNES**
[72] ROLSTON, DAVID R., CA
[73] REFLEX PHOTONICS INC., CA
[73] ROLSTON, DAVID R., CA
[85] 2012-05-10
[86] 2010-11-01 (PCT/CA2010/001717)
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[25] EN
[54] **PROLINE DERIVATIVES FOR USE TO TREAT HEPATITIS C INFECTION**
[54] **DERIVES DE PROLINE DESTINES AU TRAITEMENT D'UNE INFECTION A L'HEPATITE C**
[72] CHERN, JYH-HAUR, TW
[72] CHAO, YU-SHENG, US
[73] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[73] CHERN, JYH-HAUR, ZZ
[73] CHAO, YU-SHENG, ZZ
[85] 2012-05-16
[86] 2010-12-02 (PCT/US2010/058672)
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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01)**
[25] EN
[54] **METHODS FOR THE PREPARATION OF LIPOSOMES**
[54] **METHODES DE PREPARATION DE LIPOSOMES**
[72] JAVERI, INDU, US
[72] NELLAIAPPAN, KALIAPPANADAR, US
[72] DIXIT, BHARAT, US
[73] JAVERI, INDU, US
[73] NELLAIAPPAN, KALIAPPANADAR, ZZ
[73] DIXIT, BHARAT, ZZ
[85] 2012-04-24
[86] 2010-09-23 (PCT/US2010/049923)
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[25] EN
[54] **METHODS FOR THE PREPARATION OF LIPOSOMES COMPRISING DOCETAXEL**
[54] **METHODES DE PREPARATION DE LIPOSOMES CONTENANT DU DOCETAXEL**
[72] JAVERI, INDU, US
[72] NELLAIAPPAN, KALIAPPANADAR, US
[73] JAVERI, INDU, US
[73] NELLAIAPPAN, KALIAPPANADAR, ZZ
[85] 2012-04-24
[86] 2010-09-23 (PCT/US2010/049928)
[87] (WO2011/038073)
[30] US (61/245,185) 2009-09-23

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[13] A1
[51] **Int.Cl. B30B 9/30 (2006.01)**
[25] EN
[54] **PRESS HAVING AT LEAST ONE COLLECTOR WAGON THAT CAN BE COUPLED AND UNCOUPLED**
[54] **PRESSE DOTEE D'AU MOINS UN CHARIOT COLLECTEUR POUVANT ETRE COUPLE ET DESACCOUPLE**
[72] STRAUTMANN, WOLFGANG, DE
[73] SIB STRAUTMANN INGENIEURBUERO GMBH, DE
[73] STRAUTMANN, WOLFGANG, ZZ
[85] 2012-05-23
[86] 2010-11-29 (PCT/EP2010/068384)
[87] (WO2011/064357)
[30] DE (10 2009 047 297.5) 2009-11-30
[30] DE (10 2010 000 938.5) 2010-01-15
[30] DE (10 2010 031 168.5) 2010-07-09

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[13] A1
[51] **Int.Cl. E03D 11/00 (2006.01) E03D 11/14 (2006.01) E03D 11/17 (2006.01) F16L 5/02 (2006.01) F16L 5/06 (2006.01) F16L 21/025 (2006.01) F16L 23/16 (2006.01)**
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[54] **WATER CLOSET FLANGE SEAL**
[54] **JOINT DE BRIDE DE TOILETTES**
[72] CULWELL, BILL, US
[73] CULWELL, BILL, US
[85] 2012-05-29
[86] 2010-12-08 (PCT/US2010/059484)
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[30] US (61/267,499) 2009-12-08
[30] US (61/294,648) 2010-01-13

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[13] A1
[51] **Int.Cl. D21D 1/34 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **CELLULOSE NANOFIBERS**
[54] **NANOFIBRES DE CELLULOSE**
[72] YANO, HIROYUKI, JP
[72] HASHIMOTO, TADAFUMI, JP
[72] SATO, AKIHIRO, JP
[73] KYOTO UNIVERSITY, JP
[73] YANO, HIROYUKI, ZZ
[73] HASHIMOTO, TADAFUMI, ZZ
[73] SATO, AKIHIRO, ZZ
[73] NIPPON PAPER INDUSTRIES CO., LTD., JP
[73] OJI HOLDINGS CORPORATION, JP
[85] 2012-05-31
[86] 2010-11-12 (PCT/JP2010/070224)
[87] (WO2011/068023)
[30] JP (2009-273158) 2009-12-01

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[13] A1
[51] **Int.Cl. A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **3-(INDOLYL)-OR 3-(AZAINDOLYL)-4-ARYLMALEIMIDE DERIVATIVES FOR USE IN THE TREATMENT OF COLON AND GASTRIC ADENOCARCINOMA**
[54] **DERIVES DE 3-(INDOLYL) OU 3-(AZAINDOLYL)-4-ARYLMALEIMIDE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE L'ADENOCARCINOME GASTRIQUE ET DU COLON**
[72] DANNHARDT, GERD, DE
[72] PLUTIZKI, STANISLAV, DE
[72] KRAMB, JAN-PETER, DE
[72] MUELLER, ANNETT, DE
[72] MOEHLER, MARKUS, DE
[73] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[73] DANNHARDT, GERD, ZZ
[73] PLUTIZKI, STANISLAV, ZZ
[73] KRAMB, JAN-PETER, ZZ
[73] MUELLER, ANNETT, ZZ
[73] MOEHLER, MARKUS, ZZ
[73] UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE
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[54] **METHOD AND DEVICE FOR VAPORISING CRYOGENIC MEDIA**
[54] **PROCEDE ET DISPOSITIF POUR VAPORISER DES MILIEUX CRYOGENES**
[72] BOKKER, FOKKE, DE
[73] LINDE AKTIENGESELLSCHAFT, DE
[73] BOKKER, FOKKE, ZZ
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[25] EN
[54] **APPARATUS FOR AND METHOD OF SECURING A CENTRALIZER TO A TUBULAR**
[54] **APPAREIL ET PROCEDE DE FIXATION D'UN CENTREUR A UN ELEMENT TUBULAIRE**
[72] BUYTAERT, JEAN, US
[72] MILLER, EUGENE EDWARD, US
[72] HINING, IRA EUGENE, US
[72] YOUNG, JIMMY MACK, US
[73] BUYTAERT, JEAN, ZZ
[73] MILLER, EUGENE EDWARD, ZZ
[73] HINING, IRA EUGENE, ZZ
[73] YOUNG, JIMMY MACK, ZZ
[73] ANTELOPE OIL TOOL & MFG. CO., LLC, US
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[25] EN
[54] **A DRIVE TRAIN FOR A HEDGE TRIMMER, A HEDGE TRIMMER AND A METHOD OF CONTROLLING A HEDGE TRIMMER**
[54] **ENTRAINEMENT POUR COUPE-HAIE, COUPE-HAIE ET METHODE DE COMMANDE DE COUPE-HAIE**
[72] BARKER, DAVID, GB
[73] BLACK & DECKER INC., US
[73] BARKER, DAVID, ZZ
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[87] (2783417)
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[25] EN
[54] **METHOD FOR PRODUCING INTERMEDIATES FOR THE PRODUCTION OF MACROCYCLES THAT ARE INHIBITORS OF THE PROTEASOMIC DEGRADATION OF P27, SUCH AS ARGYRIN AND DERIVATIVES THEREOF**
[54] **METHODE DE PRODUCTION D'INTERMEDIAIRES POUR LA PRODUCTION DE MACROCYCLES QUI SONT INHIBITEURS DE LA DEGRADATION PROTEASOMIQUE DE P27, COMME L'ARGYRINE ET SES DERIVES**
[72] KALESSE, MARKUS, DE
[72] EGGERT, ULRIKE, DE
[73] HELMHOLTZ-ZENTRUM FUER INFEKTIONS-FORSCHUNG GMBH, DE
[73] KALESSE, MARKUS, ZZ
[73] EGGERT, ULRIKE, ZZ
[73] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[73] GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET, DE
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[25] EN
[54] **COMPOSITIONS COMPRISING MACROCYCLIC LACTONE COMPOUNDS AND SPIRODIOXEPINOINDOLES**
[54] **COMPOSITIONS CONTENANT DES COMPOSES DE LACTONE MACROCYCLIQUE ET DES SPIRO-DIOXEPINO-INDOLES**
[72] HOLMES, ROBERT, NZ
[72] RAZZAK, MAJID, NZ
[73] HOLMES, ROBERT, ZZ
[73] RAZZAK, MAJID, ZZ
[73] MERIAL, INC., US
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[25] EN
[54] **TRACK FOR A TRACK BOUND VEHICLE**
[54] **VOIE POUR UN VEHICULE SUR VOIE**
[72] VOLLENWYDER, KURT, CA
[72] BAADE, MICHAEL, CA
[72] WORONOWICZ, KONRAD, CA
[72] SIEDMIOGROZKI, KRIS, CA
[72] SEIFFERT, HARRY, CH
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[73] VOLLENWYDER, KURT, CA
[73] BAADE, MICHAEL, CA
[73] WORONOWICZ, KONRAD, CA
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[73] SEIFFERT, HARRY, ZZ
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[25] EN
[54] **CONICAL ROTOR REFINER PLATE ELEMENT FOR COUNTER-ROTATING REFINER HAVING CURVED BARS AND SERRATED LEADING SIDEWALLS**
[54] **ELEMENT DE PLAQUE DE RAFFINEUR DE ROTOR CONIQUE POUR UN RAFFINEUR CONTRE-ROTATIF DOTE DE BARRES COURBEES ET DE PAROIS STRIEES**
[72] GRINGRAS, LUC, GB
[73] ANDRITZ INC., US
[73] GRINGRAS, LUC, ZZ
[86] (2785144)
[87] (2785144)
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[30] US (61/525,441) 2011-08-19
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[51] **Int.Cl. A01G 3/053 (2006.01) H01B 7/24 (2006.01)**
[25] EN
[54] **SHEATH FOR ELECTRIC CABLE AND TRIMMER**
[54] **PROTECTEUR DE CABLE ELECTRIQUE ET COUPE-BORDURE**
[72] STRATFORD, MARK, GB
[73] BLACK & DECKER INC., US
[73] STRATFORD, MARK, ZZ
[86] (2785155)
[87] (2785155)
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[25] EN
[54] **CLAY GUN MACHINE CANNON FOR METALLURGICAL FURNACES**
[54] **CANON DE BOUCHAGE DU TROU DE COULEE POUR DES FOURS METALLURGIQUES**
[72] DIRLENBACH, OLIVER, DE
[72] TAUGERBECK, RALF, DE
[73] TMT TAPPING-MEASURING-TECHNOLOGY GMBH, DE
[73] DIRLENBACH, OLIVER, ZZ
[73] TAUGERBECK, RALF, ZZ
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[25] EN
[54] **COMPOSITIONS AND METHOD FOR TREATMENT AND PROPHYLAXIS OF INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITEMENT ET PROPHYLAXIE D'UNE MALADIE INTESTINALE INFLAMMATOIRE**
[72] TRACHTMAN, IRA MILTON, US
[73] TRACHTMAN, IRA MILTON, US
[85] 2012-06-26
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[25] EN
[54] **HOT-FILL CONTAINER HAVING FLAT PANELS**
[54] **RECIPIENT A REMPLISSAGE A CHAUD COMPORTANT DES PANNEAUX PLATS**
[72] STRASSER, WALTER J., US
[72] PHILIP, BRADLEY S., US
[72] STEIH, RICHARD J., US
[72] RANGLER, RICHARD K., US
[72] CASZATT, BRAD, US
[72] SIMON, JOHN B., US
[73] STRASSER, WALTER J., ZZ
[73] PHILIP, BRADLEY S., ZZ
[73] STEIH, RICHARD J., ZZ
[73] RANGLER, RICHARD K., ZZ
[73] CASZATT, BRAD, ZZ
[73] SIMON, JOHN B., ZZ
[73] AMCOR GROUP GMBH, CH
[85] 2012-06-26
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[25] FR
[54] **MULTI-BORED COMBUSTION CHAMBER HAVING COUNTER-ROTATING TANGENTIAL FLOWS**
[54] **CHAMBRE DE COMBUSTION MULTI-PERCEE A ECOULEMENTS TANGENTIELS CONTRE GIRATOIRES**
[72] CARRERE, BERNARD JOSEPH JEAN-PIERRE, FR
[72] DUBOURDIEU-RAYROT, JEAN-MARC, FR
[72] HERNANDEZ, LORENZO HUACAN, FR
[72] SERROT-GRACIE, ROBERT, FR
[73] TURBOMECA, FR
[73] CARRERE, BERNARD JOSEPH JEAN-PIERRE, ZZ
[73] DUBOURDIEU-RAYROT, JEAN-MARC, ZZ
[73] HERNANDEZ, LORENZO HUACAN, ZZ
[73] SERROT-GRACIE, ROBERT, ZZ
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[51] **Int.Cl. B23C 5/22 (2006.01)**
[25] EN
[54] **CUTTING INSERT HAVING CUTTING EDGES WITH RECESSED PORTIONS**
[54] **PLAQUETTE DE COUPE POSSEDANT DES ARETES TRANCHANTES MUNIES DE PARTIES EN CREUX**
[72] SMILOVICI, CAROL, IL
[72] ATAR, OSAMA, IL
[73] ISCAR LTD., IL
[73] SMILOVICI, CAROL, ZZ
[73] ATAR, OSAMA, ZZ
[85] 2012-07-10
[86] 2010-12-14 (PCT/IL2010/001053)
[87] (WO2011/086544)
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[25] EN
[54] **INTERMEDIATES OF NEUTRAL ENDOPEPTIDASE INHIBITORS AND PREPARATION METHOD THEREOF**
[54] **INTERMEDIAIRES D'INHIBITEURS D'ENDOPEPTIDASE NEUTRE ET METHODE DE PREPARATION ASSOCIEE**
[72] HOOK, DAVID, CH
[72] ZHOU, JIANGUANG, CN
[72] LI, YUNZHONG, CN
[72] KU, JIE, CN
[73] NOVARTIS AG, CH
[73] HOOK, DAVID, ZZ
[73] ZHOU, JIANGUANG, ZZ
[73] LI, YUNZHONG, ZZ
[73] KU, JIE, ZZ
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[54] **FLURANE COMPLEX**
[54] **COMPLEXE DE FLURANE**
[72] ROEWER, NORBERT, DE
[72] BROSCHEIT, JENS, DE
[73] SAPIOTEC GMBH, DE
[73] ROEWER, NORBERT, ZZ
[73] BROSCHEIT, JENS, ZZ
[85] 2012-07-13
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[87] (WO2011/086146)
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[25] EN
[54] **PUMP ASSEMBLY FOR A MARINE TOILET AND TOILET PUMP CONNECTION SYSTEM**
[54] **ENSEMBLE POMPE POUR TOILETTES MARINES ET SYSTEME DE RACCORDEMENT DE LA POMPE DE TOILETTES**
[72] RAKOCZY, STEVE, AU
[72] MCGUINNESS, STEVEN THOMAS, AU
[73] ALMOS TECHNOLOGIES PTY. LTD., AU
[73] RAKOCZY, STEVE, ZZ
[73] MCGUINNESS, STEVEN THOMAS, ZZ
[85] 2012-07-17
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[54] **GEOCOMPOSITE ENABLING LEAK DETECTION BY ELECTRICAL SCAN, AND METHOD FOR USE**
[54] **GEOCOMPOSITE PERMETTANT LA DETECTION DE FUITE PAR UN BALAI ELECTRIQUE ET PROCEDE D'UTILISATION**
[72] DURKHEIM, YVES, FR
[73] AFITEX INTERNATIONAL, FR
[73] DURKHEIM, YVES, ZZ
[85] 2012-07-24
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[51] **Int.Cl. C09K 3/18 (2006.01) C07C 53/06 (2006.01) C09K 5/20 (2006.01)**
[25] EN
[54] **THE USE OF A COMPOSITION WITH LOW CORROSIVE PROPERTIES**
[54] **UTILISATION D'UNE COMPOSITION DE FAIBLES PROPRIETES CORROSIVES**
[72] AHLNAES, THOMAS, FI
[72] KUKKONEN, JARI-JUKKA, FI
[73] OY GRANULA AB LTD, FI
[73] AHLNAES, THOMAS, ZZ
[73] KUKKONEN, JARI-JUKKA, ZZ
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[51] **Int.Cl. A47C 1/032 (2006.01)**
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[54] **DEVICE FOR SYNCHRONIZING THE SEAT AND BACKREST OF A CHAIR**
[54] **DISPOSITIF POUR LA SYNCHRONISATION DU SIEGE ET DU DOSSIER D'UNE CHAISE**
[72] DONATI, ARMANDO, IT
[73] DONATI S.P.A., IT
[73] DONATI, ARMANDO, ZZ
[85] 2012-07-25
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[51] **Int.Cl. C07D 311/56 (2006.01) A01N 43/16 (2006.01) A01P 11/00 (2006.01) C07C 49/747 (2006.01) C07C 205/45 (2006.01) C07D 335/06 (2006.01)**
[25] FR
[54] **RODENTICIDAL COMPOUNDS, COMPOSITION INCLUDING SAME AND USE THEREOF FOR CONTROLLING HARMFUL RODENTS**
[54] **COMPOSES RODENTICIDES, COMPOSITION LES COMPRENANT ET LEUR UTILISATION POUR LUTTER CONTRE LES RONGEURS NUISIBLES**
[72] LASSEUR, ROMAIN, FR
[72] BENOIT, ETIENNE, FR
[72] BERNY, PHILIPPE, FR
[72] BESSE, STEPHANE, FR
[73] LIPHATECH, FR
[73] LASSEUR, ROMAIN, ZZ
[73] BENOIT, ETIENNE, ZZ
[73] BERNY, PHILIPPE, ZZ
[73] BESSE, STEPHANE, ZZ
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[54] **ELEMENT DE CADRE DE FUSELAGE D'AERONEF**
[72] DELAHAYE, ROMAIN, FR
[72] LIEVEN, PATRICK, FR
[72] MIALHE, CHRISTOPHE, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[73] DELAHAYE, ROMAIN, ZZ
[73] LIEVEN, PATRICK, ZZ
[73] MIALHE, CHRISTOPHE, ZZ
[86] (2789142)
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[54] **CONCRETE INSERT**
[54] **INSERTION EN BETON**
[72] ALLY, MOHAMED R., CA
[73] ALLY, MOHAMED R., CA
[86] (2789626)
[87] (2789626)
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[51] **Int.Cl. E04G 21/32 (2006.01) E04H 17/16 (2006.01)**
[25] EN
[54] **REMOVABLE BARRIER FOR LOCATION ON AN UPPER PORTION OF A WALL**
[54] **BARRIERE AMOVIBLE POUR DISPOSITION SUR UNE PARTIE SUPERIEURE D'UNE PAROI**
[72] BRAZIS, PAUL, AU
[72] ROSATI, EMILIO, AU
[73] FORM 700 PTY LTD, AU
[73] BRAZIS, PAUL, ZZ
[73] ROSATI, EMILIO, ZZ
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[51] **Int.Cl. B60R 7/14 (2006.01)**
[25] EN
[54] **FIREARM MOUNT FOR VEHICLE TRUNK OR CARGO AREA**
[54] **AFFUT D'ARME A FEU POUR COFFRE DE VEHICULE OU ESPACE A BAGAGES**
[72] SETINA, TERRY L., US
[73] J.R. SETINA MANUFACTURING CO., INC., US
[73] SETINA, TERRY L., ZZ
[86] (2790362)
[87] (2790362)
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[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61F 2/00 (2006.01) A61F 2/24 (2006.01) B65B 11/02 (2006.01) B65B 13/34 (2006.01) B65B 51/09 (2006.01)**
[25] EN
[54] **DRY PROSTHETIC HEART VALVE PACKAGING SYSTEM**
[54] **SYSTEME D'EMBALLAGE DE VALVULE CARDIAQUE PROTHETIQUE SEC**
[72] LIBURD, GREGORY G., US
[72] GAUTAM, ABHISHEK, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] LIBURD, GREGORY G., ZZ
[73] GAUTAM, ABHISHEK, ZZ
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[30] US (61/310,851) 2010-03-05
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[51] **Int.Cl. H04W 48/08 (2009.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR A TERMINAL OF A WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDE ET AGENCEMENT DESTINE A UN TERMINAL D'UN RESEAU DE COMMUNICATION SANS FIL**
[72] LINDOFF, BENGT, SE
[72] KAZMI, MUHAMMAD, SE
[72] JADING, YLVA, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[73] LINDOFF, BENGT, ZZ
[73] KAZMI, MUHAMMAD, ZZ
[73] JADING, YLVA, ZZ
[85] 2012-08-15
[86] 2010-11-26 (PCT/EP2010/068300)
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[30] EP (09180300.7) 2009-12-22
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[51] **Int.Cl. F17C 13/00 (2006.01) F16J 12/00 (2006.01) F16J 15/02 (2006.01) F17C 1/06 (2006.01)**
[25] EN
[54] **ANTI-EXTRUSION SEALING SYSTEM FOR THE OUTLET OF A PLASTIC-LINED COMPRESSED GAS CYLINDER**
[54] **SYSTEME D'ETANCHEITE ANTI-EXTRUSION POUR LA SORTIE D'UNE BOUTEILLE DE GAZ COMPRIME REVETUE INTERIEUREMENT DE PLASTIQUE**
[72] SHARP, JEFFREY J., CA
[72] DUNCAN, MARK, CA
[73] SHARP, JEFFREY J., CA
[73] DUNCAN, MARK, CA
[73] LUXFER CANADA LIMITED, CA
[85] 2012-08-27
[86] 2011-02-28 (PCT/CA2011/050119)
[87] (WO2011/103688)
[30] US (61/308,736) 2010-02-26
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[51] **Int.Cl. C23C 18/04 (2006.01) C23C 18/12 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A THERMAL-BARRIER PROTECTION AND MULTI-LAYER COATING SUITABLE FOR FORMING A THERMAL BARRIER**
[54] **METHODE DE FABRICATION D'UNE PROTECTON DE BARRIERE THERMIQUE ET REVETEMENT MULTICOUCHE APTE A FORMER UNE BARRIERE THERMIQUE**
[72] MENUEY, JUSTINE, FR
[72] ANSART, FLORENCE, FR
[72] BONINO, JEAN-PIERRE, FR
[72] FENECH, JUSTINE, FR
[72] VIAZZI, CELINE, FR
[73] UNIVERSITE PAUL SABATIER - TOULOUSE III, FR
[73] SNECMA, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] MENUEY, JUSTINE, ZZ
[73] ANSART, FLORENCE, ZZ
[73] BONINO, JEAN-PIERRE, ZZ
[73] FENECH, JUSTINE, ZZ
[73] VIAZZI, CELINE, ZZ
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[54] **OUTIL TRANSVERSAL COMPACTEUR DE GRAVIER AYANT UN PROFIL DE TRAINEAU BAS**
[72] BROUSSARD, JOHN P., US
[72] ZIMMERMAN, PATRICK J., US
[72] HALL, CHRISTOPHER, US
[73] BROUSSARD, JOHN P., ZZ
[73] ZIMMERMAN, PATRICK J., ZZ
[73] HALL, CHRISTOPHER, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **ELECTROCHEMICAL CELL STACK**
[54] **EMPILEMENT DE CELLULES ELECTROCHIMIQUES**
[72] UNDERWOOD, RICHARD LINDSAY, GB
[72] RIDLEY, PETER JOHN, GB
[73] RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD, IE
[73] UNDERWOOD, RICHARD LINDSAY, ZZ
[73] RIDLEY, PETER JOHN, ZZ
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[54] **METHOD AND SYSTEM FOR HELPING TO POSITION A COMPONENT ON A STRUCTURAL ELEMENT**
[54] **PROCEDE ET SYSTEME D'AIDE AU POSITIONNEMENT D'UNE PIECE SUR UN ELEMENT DE STRUCTURE**
[72] LE MER, ERWAN, FR
[72] FRETIGNY, YVES, FR
[72] LE SCOLAN, ERIC, FR
[73] DCNS, FR
[73] LE MER, ERWAN, ZZ
[73] FRETIGNY, YVES, ZZ
[73] LE SCOLAN, ERIC, ZZ
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[54] **PROCESSING AND GEOSTEERING WITH A ROTATING TOOL**
[54] **TRAITEMENT ET GEO-DIRECTION A L'AIDE D'UN OUTIL ROTATIF**
[72] BITTAR, MICHAEL S., US
[72] WU, HSU-HSIANG, US
[72] LI, SHANJUN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] BITTAR, MICHAEL S., ZZ
[73] WU, HSU-HSIANG, ZZ
[73] LI, SHANJUN, ZZ
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[54] **FIXATION OF A HEATING MAT TO A BLADE OF A WIND TURBINE**
[54] **FIXATION D'UNE GARNITURE CHAUFFANTE SUR UNE PALE D'EOLIENNE**
[72] LIND, SOEREN OEMANN, DK
[72] MADSEN, FINN DAUGAARD, DK
[72] SCHIBSBYE, KARSTEN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] LIND, SOEREN OEMANN, ZZ
[73] MADSEN, FINN DAUGAARD, ZZ
[73] SCHIBSBYE, KARSTEN, ZZ
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[54] **META-TYPE WHOLLY AROMATIC POLYAMIDE FIBER**
[54] **FIBRE DE POLYAMIDE ENTIEREMENT AROMATIQUE DE TYPE META**
[72] KIKUCHI, SATOSHI, JP
[72] TAKIUE, KOTARO, JP
[73] TEIJIN LIMITED, JP
[73] KIKUCHI, SATOSHI, ZZ
[73] TAKIUE, KOTARO, ZZ
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[25] EN
[54] **APPARATUS AND METHODS FOR INTEGRATED SAMPLE PREPARATION, REACTION AND DETECTION**
[54] **APPAREIL ET PROCEDES DE PREPARATION, DE REACTION ET DE DETECTION INTEGREES D'ECHANTILLON**
[72] BIRD, DYLAN HILMER, US
[72] CHING, JESUS, US
[72] JOHNSON, BRUCE A., US
[72] MORAVICK, KEITH E., US
[72] RICHARDSON, BRUCE, US
[73] BIRD, DYLAN HILMER, ZZ
[73] CHING, JESUS, ZZ
[73] JOHNSON, BRUCE A., ZZ
[73] MORAVICK, KEITH E., ZZ
[73] RICHARDSON, BRUCE, ZZ
[73] LUMINEX CORPORATION, US
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[25] EN
[54] **DEVICE FOR MANUFACTURING A CASING MADE OF A COMPOSITE MATERIAL AND MANUFACTURING METHOD USING SUCH A DEVICE**
[54] **DISPOSITIF DE FABRICATION D'UN CARTER EN MATERIAU COMPOSITE ET PROCEDE DE FABRICATION METTANT EN □UVRE UN TEL DISPOSITIF**
[72] PLANTE, ROMAIN, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] BETEGA, LOUIS, FR
[72] CASTANIE, JEAN-LOUIS ROBERT MARCEL, FR
[73] SNECMA, FR
[73] PLANTE, ROMAIN, ZZ
[73] CAUCHOIS, JEAN-PIERRE, ZZ
[73] BETEGA, LOUIS, ZZ
[73] CASTANIE, JEAN-LOUIS ROBERT MARCEL, ZZ
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[54] **APPARATUS AND METHOD FOR FEEDING BACK DATA RECEIVING STATUS**
[54] **DISPOSITIF ET PROCEDE POUR RETOURNER UN ETAT DE RECEPTION DE DONNEES**
[72] LI, YINGYANG, CN
[72] SUN, CHENGJUN, CN
[72] LI, XIAOQIANG, CN
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] LI, YINGYANG, ZZ
[73] SUN, CHENGJUN, ZZ
[73] LI, XIAOQIANG, ZZ
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[54] **HIGH SPEED SLICING MACHINE**
[54] **MACHINE A TRANCHER A GRANDE VITESSE**
[72] LINDEE, SCOTT A., US
[72] PASEK, JAMES E., US
[72] HANCOCK, DAVID, US
[72] WOLCOTT, THOMAS C., US
[73] FORMAX, INC., US
[73] LINDEE, SCOTT A., ZZ
[73] PASEK, JAMES E., ZZ
[73] HANCOCK, DAVID, ZZ
[73] WOLCOTT, THOMAS C., ZZ
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[25] EN
[54] **PROTECTIVE LINER WITH WEAR DETECTION**
[54] **GARNITURE PROTECTRICE A DETECTION DE L'USURE**
[72] CHAMBERLAND, DANIEL ANDRE, CA
[73] 1876255 ONTARIO LIMITED, CA
[73] CHAMBERLAND, DANIEL ANDRE, CA
[85] 2012-11-07
[86] 2011-05-06 (PCT/CA2011/050277)
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[25] EN
[54] **WASTE DISPOSAL APPARATUS, FLUID AND METHOD**
[54] **APPAREIL, FLUIDE ET PROCEDE D'ELIMINATION DES DECHETS**
[72] SAGE-PASSANT, PETER, GB
[73] MECHLINE DEVELOPMENTS LIMITED, GB
[85] 2012-11-09
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[54] **CERTIFICATE MANAGEMENT METHOD BASED ON CONNECTIVITY AND POLICY**
[54] **METHODE DE GESTION DE CERTIFICAT FONDEE SUR LA CONNECTIVITE ET LA POLITIQUE**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] STOROZUK, JOHN VINCENT, CA
[72] HO, ALAN PAK-LUN, CA
[72] TSE, CHI CHIU, CA
[73] BENDER, CHRISTOPHER LYLE, CA
[73] STOROZUK, JOHN VINCENT, CA
[73] HO, ALAN PAK-LUN, CA
[73] TSE, CHI CHIU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2799903)
[87] (2799903)
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[51] **Int.Cl. E21B 34/02 (2006.01) F16K 3/02 (2006.01) F16K 27/04 (2006.01)**
[25] EN
[54] **GATE VALVE, METHOD FOR RETURNED DRILLING MUD PRESSURE CONTROL AND/OR WELL KILLING, AND USES OF A GATE VALVE**
[54] **ROBINET-VANNE, PROCEDE POUR REGULER LA PRESSION DE LA BOUE DE FORAGE DE RETOUR ET/OU TUER LE PUITS, ET UTILISATIONS DU ROBINET-VANNE**
[72] ROLLAND, NILS LENNART, NO
[73] STATOIL PETROLEUM AS, NO
[73] ROLLAND, NILS LENNART, ZZ
[85] 2012-11-29
[86] 2011-06-03 (PCT/EP2011/059202)
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[25] EN
[54] **CATALYST RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION DE CATALYSEUR**
[72] AKSELA, REIJO, FI
[72] RISSANEN, JUSSI, FI
[73] KEMIRA OYJ, FI
[73] AKSELA, REIJO, ZZ
[73] RISSANEN, JUSSI, ZZ
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[54] **VEHICLE FOR TOWING AN AIRPLANE**
[54] **VEHICULE POUR REMORQUER UN AVION**
[72] LEVY, RAPHAEL E., IL
[72] BRAIER, RAN, IL
[72] PERRY, ARIE, IL
[73] ISRAEL AEROSPACE INDUSTRIES LTD., IL
[73] LEVY, RAPHAEL E., ZZ
[73] BRAIER, RAN, ZZ
[73] PERRY, ARIE, ZZ
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[25] EN
[54] **PROCESS FOR PRODUCING A SILICA SOL MATERIAL**
[54] **PROCEDE DE PRODUCTION D'UNE SUBSTANCE A BASE DE SOL DE SILICE**
[72] BARTH, EKKEHARD, DE
[72] BACHMANN, ROLF, DE
[72] BRAUN, ARNE, DE
[72] HEINEMANN, MAREN, DE
[72] SCHMIDT, SEBASTIAN, DE
[73] BARTH, EKKEHARD, ZZ
[73] BACHMANN, ROLF, ZZ
[73] BRAUN, ARNE, ZZ
[73] HEINEMANN, MAREN, ZZ
[73] SCHMIDT, SEBASTIAN, ZZ
[73] JIANGSU SYNECOUN MEDICAL TECHNOLOGY CO., LTD., CN
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[54] **CRYSTAL OF AMIDE COMPOUND**
[54] **CRISTAL DE COMPOSE AMIDE**
[72] KITAYAMA, MASATO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[73] KITAYAMA, MASATO, ZZ
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[54] **CHAUFFE-EAU A COMMANDE D'ENERGIE INTELLIGENT**
[72] BUESCHER, THOMAS P., US
[72] FREDRICKS, THOMAS J., US
[72] SIRAVURI, RISHI, US
[72] MIU, RICHARD, US
[72] BRAZIS, LAWRENCE J., US
[72] WELCH, RICHARD E., US
[73] EMERSON ELECTRIC CO., US
[73] BUESCHER, THOMAS P., ZZ
[73] FREDRICKS, THOMAS J., ZZ
[73] SIRAVURI, RISHI, ZZ
[73] MIU, RICHARD, ZZ
[73] BRAZIS, LAWRENCE J., ZZ
[73] WELCH, RICHARD E., ZZ
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[25] EN
[54] **METHOD FOR PRODUCING TUMOR CELLS FROM NORMAL MAMMARY EPITHELIAL CELLS**
[54] **PROCEDE DE PRODUCTION DE CELLULES TUMORALES A PARTIR DE CELLULES EPITHELIALES MAMMAIRES NORMALES**
[72] AKAGI, TSUYOSHI, JP
[72] SUKEZANE, TAIKO, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[73] AKAGI, TSUYOSHI, ZZ
[73] SUKEZANE, TAIKO, ZZ
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[54] **FULLY AUTOMATED BAG PREPARING SYSTEM FOR VARIOUS TYPES OF BAGS**
[54] **SYSTEME DE PREPARATION DE SAC AUTOMATISEE POUR DIVERS TYPES DE SACS**
[72] ALBERT, ANDRE, CA
[72] SANTERRE, STEEVE, CA
[73] PREMIER TECH TECHNOLOGIES LTEE, CA
[73] ALBERT, ANDRE, CA
[73] SANTERRE, STEEVE, CA
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[25] EN
[54] **HETERO-BICYCLIC DERIVATIVES AS HCV INHIBITORS**
[54] **DERIVES HETERO-BICYCLIQUES EN TANT QU'INHIBITEURS DU VHC**
[72] VANDYCK, KOEN, BE
[72] VERSCHUEREN, WIM GASTON, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[73] VANDYCK, KOEN, ZZ
[73] VERSCHUEREN, WIM GASTON, ZZ
[73] RABOISSON, PIERRE JEAN-MARIE BERNARD, ZZ
[73] JANSSEN SCIENCES IRELAND UC, IE
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[25] EN
[54] **PALLET THAT CAN BE ASSEMBLED WITH SLIDING BOARDS AND A LOCKING SPINE MEMBER**
[54] **PALETTE A ASSEMBLER PRESENTANT DES PLANCHES COULISSANTES ET UN ELEMENT SUPPORT DE BLOCAGE**
[72] LOW, ENG CHOON, CN
[73] ECO-BLOCK INTERNATIONAL LIMITED, CN
[73] LOW, ENG CHOON, ZZ
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[25] EN
[54] **MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDROPROCESSING**
[54] **APPAREIL DE CONTACT ET DE DISTRIBUTION MULTIPHASE POUR HYDROTRAITEMENT**
[72] KILLEN, RALPH E., US
[72] BOYAK, CRAIG, US
[72] SONG, STEVEN X., US
[72] KEMOUN, ABDENOUR, US
[72] SOUERS, STEVE, US
[72] PARIMI, KRISHNIAH, US
[72] AKIN, ZACKORY, US
[73] CHEVRON U.S.A. INC., US
[73] KILLEN, RALPH E., ZZ
[73] BOYAK, CRAIG, ZZ
[73] SONG, STEVEN X., ZZ
[73] KEMOUN, ABDENOUR, ZZ
[73] SOUERS, STEVE, ZZ
[73] PARIMI, KRISHNIAH, ZZ
[73] AKIN, ZACKORY, ZZ
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[25] EN
[54] **PITCH LINK ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT DE BIELLETTES DE COMMANDE PAS**
[72] PRZANO, DOMINIC, US
[72] LATHAM, GEOFFREY, US
[72] WERNER, AMANDA, US
[73] BELL HELICOPTER TEXTRON INC., US
[73] PRZANO, DOMINIC, ZZ
[73] LATHAM, GEOFFREY, ZZ
[73] WERNER, AMANDA, ZZ
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[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] ADEMAR, LEIF FREDRIK, SE
[73] JOHANSSON, KARL-ANDERS REINHOLD, ZZ
[73] GAERDENFORS, DAN ZACHARIAS, ZZ
[73] ADEMAR, LEIF FREDRIK, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2806910)
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[54] **ADIABATIC COMPRESSED AIR ENERGY STORAGE PROCESS**
[54] **PROCEDE DE STOCKAGE D'ENERGIE A AIR COMPRIME ADIABATIQUE**
[72] KIDD, H. ALLAN, US
[72] MILLER, HARRY F., US
[73] DRESSER-RAND COMPANY, US
[73] KIDD, H. ALLAN, ZZ
[73] MILLER, HARRY F., ZZ
[85] 2013-02-04
[86] 2011-07-26 (PCT/US2011/045275)
[87] (WO2012/021285)
[30] US (61/372,252) 2010-08-10
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[51] **Int.Cl. H04M 1/56 (2006.01) H04W 4/16 (2009.01) H04W 84/16 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO TELEPHONE NUMBER DISPLAY FORMATTING**
[54] **PROCEDE ET APPAREIL CONCERNANT LE FORMATAGE D'AFFICHAGE DES NUMEROS DE TELEPHONE**
[72] FIELDS, GREGORY JASON, CA
[72] KUCKELMAN, JEFFREY ALAN, US
[73] FIELDS, GREGORY JASON, CA
[73] KUCKELMAN, JEFFREY ALAN, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2807788)
[87] (2807788)
[22] 2013-02-27
[30] US (13/405,848) 2012-02-27

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[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL SET OF INSTRUMENTS FOR PRECISION CUTTING**
[54] **SERIE D'INSTRUMENTS CHIRURGICAUX POUR DECOUPE DE PRECISION**
[72] DINIS CARMO, JOSE, PT
[73] DINIS CARMO, JOSE, PT
[85] 2013-02-15
[86] 2010-12-10 (PCT/IB2010/055721)
[87] (WO2012/023006)
[30] PT (105255) 2010-08-18

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[13] A1
[51] **Int.Cl. A47K 10/22 (2006.01) A47K 10/38 (2006.01) B65H 16/10 (2006.01)**
[25] EN
[54] **SHEET PRODUCT DISPENSING UNIT AND A CARTRIDGE THEREFORE**
[54] **UNITE DE DISTRIBUTION DE PRODUIT EN FEUILLE ET CARTOUCHE ASSOCIEE**
[72] HOREL, BRIAN CHRISTOPHER, US
[72] GOEKING, HAROLD JOHN, US
[72] CASE, ABBY, US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[73] HOREL, BRIAN CHRISTOPHER, ZZ
[73] GOEKING, HAROLD JOHN, ZZ
[73] CASE, ABBY, ZZ
[85] 2013-02-21
[86] 2011-08-23 (PCT/US2011/048777)
[87] (WO2012/027346)
[30] US (61/376,055) 2010-08-23

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[51] **Int.Cl. A01D 34/84 (2006.01) A01D 34/71 (2006.01) A01D 57/26 (2006.01)**
[25] EN
[54] **CENTER REAR DISCHARGE DECK**
[54] **COFFRE DE DECHARGEMENT ARRIERE CENTRAL**
[72] FISER, JAKE, US
[72] CHAPMAN, SETH, US
[73] FISER, JAKE, ZZ
[73] CHAPMAN, SETH, ZZ
[73] HUSQVARNA AB, SE
[85] 2013-02-22
[86] 2010-08-31 (PCT/US2010/047235)
[87] (WO2012/030325)

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[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/195 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **FOR IMPROVING HEALTH OF SUBJECTS WITH VILLOUS ATROPHY**
[54] **AMELIORATION DE LA SANTE DES SUJETS PRESENTANT UNE ATROPHIE DES VILLOSITES**
[72] VIDYASAGAR, SADASIVAN, US
[72] OKUNIEFF, PAUL, US
[72] ZHANG, LURONG, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[73] VIDYASAGAR, SADASIVAN, ZZ
[73] OKUNIEFF, PAUL, ZZ
[73] ZHANG, LURONG, ZZ
[85] 2013-02-25
[86] 2011-09-26 (PCT/US2011/053265)
[87] (WO2012/040707)
[30] US (61/386,317) 2010-09-24
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[51] **Int.Cl. F21V 33/00 (2006.01) A47G 33/08 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY**
[54] **STRUCTURE D'ECLAIRAGE TRIDIMENSIONNEL UTILISANT LA TECHNIQUE DE LA PHOTOACTIVITE**
[72] LOHNEIS, PAUL E., US
[73] LOHNEIS, PAUL E., US
[86] (2809626)
[87] (2809626)
[22] 2013-03-15
[30] US (13/421,916) 2012-03-16
[30] US (13/421,921) 2012-03-16

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[51] **Int.Cl. F21V 33/00 (2006.01) A47G 33/08 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY**
[54] **STRUCTURE D'ECLAIRAGE TRIDIMENSIONNEL UTILISANT LA TECHNIQUE DE LA PHOTOACTIVITE**
[72] LOHNEIS, PAUL E., US
[73] LOHNEIS, PAUL E., US
[86] (2809629)
[87] (2809629)
[22] 2013-03-15
[30] US (13/421,916) 2012-03-16
[30] US (13/421,921) 2012-03-16

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[51] **Int.Cl. A62B 18/02 (2006.01) A62B 7/10 (2006.01) A62B 18/08 (2006.01)**
[25] EN
[54] **PLEATED FILTERING FACE PIECE RESPIRATOR**
[54] **RESPIRATEUR A ELEMENT FACIAL FILTRANT PLISSE**
[72] MAGIDSON, MARK, US
[72] TURDJIAN, CREST, US
[73] MOLDEX-METRIC, INC., US
[73] MAGIDSON, MARK, ZZ
[73] TURDJIAN, CREST, ZZ
[85] 2013-02-27
[86] 2011-09-06 (PCT/US2011/050529)
[87] (WO2012/033749)
[30] US (12/807,662) 2010-09-09

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[13] A1
[51] **Int.Cl. H04W 4/26 (2009.01) H04W 8/18 (2009.01)**
[25] EN
[54] **WIRELESS NETWORK SERVICE INTERFACES**
[54] **INTERFACES DE SERVICE POUR RESEAUX SANS FIL**
[72] RALEIGH, GREGORY G., US
[72] RAISSINIA, ALIREZA, US
[72] LAVINE, JAMES, US
[73] RALEIGH, GREGORY G., ZZ
[73] RAISSINIA, ALIREZA, ZZ
[73] LAVINE, JAMES, ZZ
[73] HEADWATER RESEARCH LLC, US
[85] 2013-02-28
[86] 2011-09-09 (PCT/US2011/051093)
[87] (WO2012/034080)
[30] US (61/381,162) 2010-09-09

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[13] A1
[51] **Int.Cl. H04W 8/18 (2009.01) H04W 8/24 (2009.01) H04W 60/00 (2009.01) H04W 60/06 (2009.01)**
[25] EN
[54] **SUBSCRIBER IDENTIFICATION MANAGEMENT BROKER FOR FIXED/MOBILE NETWORKS**
[54] **COURTIER DE GESTION D'IDENTIFIANT D'ABONNE POUR RESEAUX FIXES/MOBILES**
[72] TAGG, JAMES PETER, GB
[72] GUY, EDWARD THOMAS, III, US
[72] EVANS, TIMOTHY PAUL, GB
[72] SNIJDER, ROBERT, CH
[72] BORISOGLEBSKI, IGOR, PT
[72] CAMPBELL, ALISTAIR JAMES, GB
[72] SEQUEIRA, CLAUDIO MIGUEL CANARIO, PT
[73] TRUPHONE LIMITED, GB
[73] TAGG, JAMES PETER, ZZ
[73] GUY, EDWARD THOMAS, III, ZZ
[73] EVANS, TIMOTHY PAUL, ZZ
[73] SNIJDER, ROBERT, ZZ
[73] BORISOGLEBSKI, IGOR, ZZ
[73] CAMPBELL, ALISTAIR JAMES, ZZ
[73] SEQUEIRA, CLAUDIO MIGUEL CANARIO, ZZ
[85] 2013-03-12
[86] 2010-09-22 (PCT/GB2010/051591)
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[30] GB (0916582.0) 2009-09-22

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[13] A1
[51] **Int.Cl. A61L 15/40 (2006.01) A61L 15/64 (2006.01)**
[25] EN
[54] **MULTI-LAYER TISSUE SYSTEMS AND METHODS**
[54] **SYSTEMES TISSULAIRES MULTICOUCHES ET METHODES ASSOCIEES**
[72] SAMANIEGO, ADRIAN C., US
[72] WILKINS, ROSS M., US
[73] ALLOSOURCE, US
[73] SAMANIEGO, ADRIAN C., ZZ
[73] WILKINS, ROSS M., ZZ
[85] 2013-03-26
[86] 2011-08-12 (PCT/US2011/047518)
[87] (WO2012/044401)
[30] US (61/388,986) 2010-10-01
[30] US (13/186,661) 2011-07-20

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[13] A1
[51] **Int.Cl. B29C 45/27 (2006.01) B29C 45/18 (2006.01)**
[25] EN
[54] **MOLD-TOOL SYSTEM HAVING MELT SPLITTING DEVICE INCLUDING UNINTERRUPTED MELT CHANNELS EXTENDING FROM INLET AND OUTLETS**
[54] **SYSTEME MOULE-OUTIL COMPORTANT UN DISPOSITIF DE DIVISION DE COULEE COMPRENANT DES CANAUX DE COULEE CONTINUE S'ETENDANT DE L'ENTREE AUX SORTIES**
[72] BELZILE, MANON DANIELLE, US
[72] MACLEOD, DARRIN, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[73] BELZILE, MANON DANIELLE, ZZ
[73] MACLEOD, DARRIN, ZZ
[85] 2013-03-26
[86] 2011-10-12 (PCT/US2011/055859)
[87] (WO2012/051228)
[30] US (61/392,502) 2010-10-13
[30] US (12/913,800) 2010-10-28

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) B01L 3/00 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01) G01N 35/00 (2006.01) G03F 7/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HIGH THROUGHPUT INVESTIGATIONS OF CELLULAR INTERACTIONS**
[54] **DISPOSITIF D'ANALYSE A HAUT DEBIT D'INTERACTIONS CELLULAIRES**
[72] KAMM, ROGER DALE, US
[72] ASADA, HARUHIKO HARRY, US
[72] FARAHAT, WALEED AHMED, US
[72] ZERVANTONAKIS, IOANNIS K., US
[72] WOOD, LEVI B., US
[72] PARK, YOUNG KUM, SG
[72] KOTHAPALLI, CHANDRASEKHAR, US
[72] CHUNG, SEOK, KR
[72] MACKLIS, JEFFREY, US
[72] THARIN, SUZANNE, US
[72] VARNER, JOHANNA, US
[72] LEE, KWANG HO, US
[72] NGUYEN, LE THANH TU, CH
[72] KIM, CHOONG, US
[73] KAMM, ROGER DALE, ZZ
[73] ASADA, HARUHIKO HARRY, ZZ
[73] FARAHAT, WALEED AHMED, ZZ
[73] ZERVANTONAKIS, IOANNIS K., ZZ
[73] WOOD, LEVI B., ZZ
[73] PARK, YOUNG KUM, ZZ
[73] KOTHAPALLI, CHANDRASEKHAR, ZZ
[73] CHUNG, SEOK, ZZ
[73] MACKLIS, JEFFREY, ZZ
[73] THARIN, SUZANNE, ZZ
[73] VARNER, JOHANNA, ZZ
[73] LEE, KWANG HO, ZZ
[73] NGUYEN, LE THANH TU, ZZ
[73] KIM, CHOONG, ZZ
[73] CHILDREN'S MEDICAL CENTER, CORP., US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC, US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2013-03-28
[86] 2011-09-29 (PCT/US2011/054029)
[87] (WO2012/050981)
[30] US (61/387,674) 2010-09-29
[30] US (61/394,624) 2010-10-19

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **EVENT-TRIGGERED DYNAMIC LANDMARK CREATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CREATION DE POINTS DE REPERE DYNAMIQUES DECLENCHES PAR UN EVENEMENT**
[72] SAEEDI, FARA, CA
[72] JEBARA, RAMI ABU, CA
[72] VENN, SCOTT, CA
[73] WEBTECH WIRELESS INC., CA
[73] SAEEDI, FARA, CA
[73] JEBARA, RAMI ABU, CA
[73] VENN, SCOTT, CA
[86] (2814363)
[87] (2814363)
[22] 2013-04-29
[30] US (13/480,398) 2012-05-24

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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/15 (2006.01) G01N 33/68 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **BIOMARKER FOR ALZHEIMER'S DISEASE OR MILD COGNITIVE IMPAIRMENT**
[54] **BIOMARQUEUR DE LA MALADIE D'ALZHEIMER OU D'UN TROUBLE COGNITIF LEGER**
[72] SATO, YOSHIAKI, JP
[72] AOSHIMA, KEN, JP
[72] BERNIER, FRANCOIS, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[73] SATO, YOSHIAKI, ZZ
[73] AOSHIMA, KEN, ZZ
[73] BERNIER, FRANCOIS, ZZ
[85] 2013-04-10
[86] 2011-06-23 (PCT/JP2011/064487)
[87] (WO2012/053255)
[30] JP (2010-235203) 2010-10-20
[30] US (61/424885) 2010-12-20
[30] JP (2010-282938) 2010-12-20

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[13] A1
[51] **Int.Cl. G01N 29/24 (2006.01)**
[25] EN
[54] **ULTRASONIC FLAW DETECTING APPARATUS, ULTRASONIC TRANSDUCER, AND ULTRASONIC FLAW DETECTING METHOD**
[54] **DISPOSITIF DE DETECTION DE DEFAUTS PAR ULTRASONS, TRANSDUCTEUR ULTRASONIQUE ET PROCEDE DE DETECTION DE DEFAUTS PAR ULTRASONS**
[72] INAGAKI, KOICHI, JP
[72] IZUMI, MAMORU, JP
[72] KARASAWA, HIROKAZU, JP
[73] IHI CORPORATION, JP
[73] INAGAKI, KOICHI, ZZ
[73] IZUMI, MAMORU, ZZ
[73] KARASAWA, HIROKAZU, ZZ
[85] 2013-04-16
[86] 2011-10-21 (PCT/JP2011/074303)
[87] (WO2012/053639)
[30] JP (2010-237649) 2010-10-22

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[51] **Int.Cl. G01N 33/14 (2006.01) C12G 1/04 (2006.01)**
[25] EN
[54] **DETERMINATION OF SULPHUR DIOXIDE IN A LIQUID**
[54] **DOSAGE DU DIOXYDE DE SOUFRE DANS 'UN LIQUIDE**
[72] THOMSEN, HENRIK, DK
[73] FOSS ANALYTICAL A/S, DK
[73] THOMSEN, HENRIK, ZZ
[85] 2013-04-22
[86] 2010-11-30 (PCT/EP2010/068483)
[87] (WO2012/072106)

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[51] **Int.Cl. C02F 3/02 (2006.01) C02F 3/06 (2006.01)**
[25] EN
[54] **BIOLOGICAL TREATMENT OF WATER AND WASTEWATER**
[54] **TRAITEMENT BIOLOGIQUE DE L'EAU ET DES EAUX USEES**
[72] ZVERINA, MILAN, CA
[73] ZVERINA, MILAN, CA
[86] (2815752)
[87] (2815752)
[22] 2013-05-14

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[13] A1
[51] **Int.Cl. G11B 27/00 (2006.01) G11B 20/10 (2006.01) H04N 5/85 (2006.01) H04N 5/92 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **RECORDING MEDIUM, PLAYBACK DEVICE, RECORDING DEVICE, PLAYBACK METHOD AND RECORDING METHOD FOR EDITING RECORDED CONTENT WHILE *MAINTAINING* COMPATIBILITY WITH OLD FORMAT**
[54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF DE LECTURE, DISPOSITIF D'ENREGISTREMENT, PROCEDE DE LECTURE ET PROCEDE D'ENREGISTREMENT QUI PERMETTENT D'EDITER UN CONTENU ENREGISTRE TOUT ENCONSERVANT LA COMPATIBILITE AVEC UN ANCIEN FORMAT**
[72] MOCHINAGA, KAZUHIRO, JP
[72] OGAWA, TOMOKI, JP
[72] YAHATA, HIROSHI, JP
[73] PANASONIC CORPORATION, JP
[73] MOCHINAGA, KAZUHIRO, ZZ
[73] OGAWA, TOMOKI, ZZ
[73] YAHATA, HIROSHI, ZZ
[85] 2013-04-29
[86] 2012-10-05 (PCT/JP2012/006444)
[87] (WO2013/061523)
[30] US (61/552,929) 2011-10-28

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[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/745 (2015.01) A61J 3/07 (2006.01) A61K 9/48 (2006.01) A61P 3/12 (2006.01)**
[25] EN
[54] **PROBIOTIC SOFT GEL COMPOSITIONS**
[54] **COMPOSITIONS DE GEL MOU A BASE DE PROBIOTIQUE**
[72] XIE, XUEJU, CA
[72] KO, JASON, CA
[73] VIVA PHARMACEUTICAL INC., CA
[73] XIE, XUEJU, CA
[73] KO, JASON, CA
[85] 2013-04-30
[86] 2011-11-01 (PCT/CA2011/001218)
[87] (WO2012/097429)
[30] US (61/409,046) 2010-11-01
[30] US (12/962,556) 2010-12-07

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER**
[54] **INHALATEUR**
[72] MELINIOTIS, ANDREAS, GB
[72] EASON, STEPHEN, GB
[72] CLARKE, ROGER, GB
[72] MCGUINNESS, LIAM, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
[73] MELINIOTIS, ANDREAS, ZZ
[73] EASON, STEPHEN, ZZ
[73] CLARKE, ROGER, ZZ
[73] MCGUINNESS, LIAM, ZZ
[85] 2013-05-01
[86] 2011-11-25 (PCT/GB2011/052338)
[87] (WO2012/069854)
[30] GB (1020130.9) 2010-11-26
[30] GB (1109493.5) 2011-06-07
[30] GB (1115000.0) 2011-08-31

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[51] **Int.Cl. C01B 25/26 (2006.01) A61K 9/14 (2006.01) A61K 41/00 (2006.01) A61K 49/08 (2006.01) A61K 51/02 (2006.01) A61P 35/00 (2006.01) B01J 2/00 (2006.01) B22F 9/16 (2006.01)**
[25] EN
[54] **MICROSPHERE COMPRISING A LANTHANIDE METAL COMPLEX**
[54] **MICROSPHERE COMPRENANT UN COMPLEXE DE METAL DES LANTHANIDES**
[72] BULT, WOUTER, NL
[72] NIJSEN, JOHANNES FRANCISCUS WILHELMUS, NL
[72] VAN HET SCHIP, ALFRED DIRK, NL
[73] UMC UTRECHT HOLDING B.V., NL
[73] BULT, WOUTER, ZZ
[73] NIJSEN, JOHANNES FRANCISCUS WILHELMUS, ZZ
[73] VAN HET SCHIP, ALFRED DIRK, ZZ
[85] 2013-05-02
[86] 2011-11-04 (PCT/NL2011/050754)
[87] (WO2012/060707)
[30] EP (10190254.2) 2010-11-05

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[13] A1
[51] **Int.Cl. A62B 18/08 (2006.01) A62B 25/00 (2006.01)**
[25] EN
[54] **A RESPIRATORY EQUIPMENT FOR AIRCRAFT WITH AN INFLATABLE HARNESS**
[54] **EQUIPEMENT RESPIRATOIRE POUR AVION AVEC HARNAIS GONFLABLE**
[72] GREDAT, SIMON, FR
[72] GROSPRETRE, PATRICK, FR
[72] SCHMIDT, GUILLAUME, FR
[73] GREDAT, SIMON, ZZ
[73] GROSPRETRE, PATRICK, ZZ
[73] SCHMIDT, GUILLAUME, ZZ
[73] ZODIAC AEROTECHNICS, FR
[85] 2013-05-02
[86] 2011-06-22 (PCT/IB2011/001768)
[87] (WO2012/066394)
[30] US (61/413,531) 2010-11-15

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[51] **Int.Cl. A47K 3/00 (2006.01) B29C 70/78 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A BATHING VESSEL**
[54] **PROCEDE DE FABRICATION D'UNE BAIGNOIRE**
[72] GEELS, MICHAEL GLENN, US
[73] GEELS, MICHAEL GLENN, ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2013-05-03
[86] 2011-09-02 (PCT/US2011/050352)
[87] (WO2012/067696)
[30] US (61/413,575) 2010-11-15

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[51] **Int.Cl. A23L 33/21 (2016.01) A23L 5/30 (2016.01) A23L 19/00 (2016.01) A23L 29/231 (2016.01) A23L 29/262 (2016.01) A23L 2/52 (2006.01) C07H 3/06 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **FIBER OBTAINED FROM FRUIT OR VEGETABLE BYPRODUCTS**
[54] **FIBRE OBTENUE A PARTIR DE SOUS-PRODUITS DE FRUIT OU DE LEGUME**
[72] PAESCHKE, TERESA, US
[72] KOZMAN, AUSTIN, US
[72] RIVERA, TEODORO, US
[72] HITCHCOCK, BRYAN, US
[73] TROPICANA PRODUCTS, INC., US
[73] PAESCHKE, TERESA, ZZ
[73] KOZMAN, AUSTIN, ZZ
[73] RIVERA, TEODORO, ZZ
[73] HITCHCOCK, BRYAN, ZZ
[85] 2013-05-15
[86] 2011-11-29 (PCT/US2011/062303)
[87] (WO2012/074959)
[30] US (61/418,235) 2010-11-30

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[51] **Int.Cl. A47C 27/06 (2006.01) A47C 23/04 (2006.01) A47C 23/30 (2006.01) A47C 27/20 (2006.01)**
[25] EN
[54] **MATTRESS INNERSPRING INSERTS AND SUPPORTS**
[54] **INSERTS ET SUPPORTS POUR RESSORTS DE MATELAS**
[72] MORET, DAVID M., US
[72] DEMOSS, LARRY K., US
[72] MANUSZAK, BRIAN M., US
[72] BEAMON, JAMES A., US
[73] SEALY TECHNOLOGY LLC, US
[73] MORET, DAVID M., ZZ
[73] DEMOSS, LARRY K., ZZ
[73] MANUSZAK, BRIAN M., ZZ
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[72] MATTSSON, ERNEY, SE
[73] GRAFTCRAFT I GOTEBORG AB, SE
[73] LUNDH, TORBJORN, ZZ
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[54] **LAVE-VAISSELLE COMPRENANT UN RESERVOIR DE STOCKAGE**
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[72] ATABEY, ORHAN, TR
[73] ARCELIK ANONIM SIRKETI, TR
[73] ARAS, NASIR EFE, ZZ
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[72] HALLIDAY, PIETER STEPHANUS JACOBUS, ZA
[72] MORGAN, CLIFFORD GORDON, ZA
[72] DASTOOR, PAUL, AU
[72] BELCHER, WARWICK, AU
[72] ZHOU, XIAOJING, AU
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[73] AEL MINING SERVICES LIMITED, ZA
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[54] **SYSTEMES DE POSE ET CONDITIONNEMENT DE VALVULES CARDIAQUES PROTHETIQUES**
[72] GAUTAM, ABHISHEK, US
[72] WRIGHT, GREGORY A., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] GAUTAM, ABHISHEK, ZZ
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[73] THE BOEING COMPANY, US
[73] RAGHU, SURYA, ZZ
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[73] NATIONAL CHENG KUNG UNIVERSITY, TW
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[54] **COMPOSITIONS D'HYGIENE BUCCALE**
[72] CHOPRA, SUMAN, US
[72] MANDADI, PRAKASARAO, US
[72] PORTER, VENDA, US
[72] ONTUMI, DENNIS, US
[73] COLGATE-PALMOLIVE COMPANY, US
[73] CHOPRA, SUMAN, ZZ
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[54] **DISPOSITIFS MANUELS POUR UN DIAGNOSTIC MEDICAL AVEC TRANSFERT D'ECHANTILLONS**
[72] ROE, STEVEN N., US
[72] LIST, HANS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] ROE, STEVEN N., ZZ
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[72] LESCOCHE, PHILIPPE, FR
[73] TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES, FR
[73] LESCOCHE, PHILIPPE, ZZ
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[54] **SELLETTE D'ATTELAGE**
[72] STRUTT, ACHIM, DE
[73] JOST-WERKE GMBH, DE
[73] STRUTT, ACHIM, ZZ
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[87] (2823111)
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[54] **CAPTEURS ENVIRONNEMENTAUX POUR AERONEF ET SYSTEME**
[72] PLOWMAN, LARRY A., US
[72] COVINGTON, CHARLES ERIC, US
[72] TUCKER, BRIAN E., US
[73] BELL HELICOPTER TEXTRON INC., US
[73] PLOWMAN, LARRY A., ZZ
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[54] **AIRCRAFT DEMAND REGULATOR AND DILUTION REGULATION METHOD**
[54] **PULMOCOMMANDE D'AERONEF ET METHODE DE REGULATION DE DILUTION**
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[73] FROMAGE, MATTHIEU, ZZ
[73] ZODIAC AEROTECHNICS, FR
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[54] **VERROU PROFILE POUR FENETRE A BATTANT**
[72] MINTER, PETER J., US
[72] RUSPIL, MATHEW D., US
[73] INTERLOCK USA, INC., US
[73] MINTER, PETER J., ZZ
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[54] **SOUCHES DE BIFIDOBACTERIUM BIFIDUM POUR APPLICATION DANS DES MALADIES GASTRO-INTESTINALES**
[72] GUGLIELMETTI, SIMONE, IT
[72] MORA, DIEGO, IT
[73] GUGLIELMETTI, SIMONE, ZZ
[73] MORA, DIEGO, ZZ
[73] SYNFORMULAS GMBH, DE
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[54] **APPAREIL ET PROCEDE POUR UNE HYGIENE PERSONNELLE AMELIOREE**
[72] SMITH, KEVIN L., US
[73] SMITH, KEVIN L., US
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[54] **PROCEDE POUR LA PRODUCTION D'UN SEL DE PEMETREXED**
[72] CHEN, SHANGHONG, TW
[72] LIN, HUANGHSIUNG, TW
[73] SCINOPHARM TAIWAN LTD, TW
[73] CHEN, SHANGHONG, ZZ
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[54] **CATHETER A BALLONNET RENFORCE**
[72] GULACHENSKI, JOSEPH, US
[72] LEI, CATHY, US
[72] PERALTA, NELSON, US
[72] HAILE, TADELE, US
[73] MICROVENTION, INC., US
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[54] **FOURNITURE DE CONTENU D'ACCESSIBILITE AU MOYEN D'UN CODE MATRICIEL**
[72] SCHAEFER, GERMAR, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[73] SCHAEFER, GERMAR, ZZ
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[54] **ENSEMBLE PINCE A CAPTEURS MASQUE ET COMPARTIMENT DE SANG POUR SYSTEME DE CONTROLE OPTIQUE DE SANG**
[72] BARRETT, LOUIS L., US
[72] LAW, PERRY N., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[73] BARRETT, LOUIS L., ZZ
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[54] **PROCEDE DE PRODUCTION DE POLYROTAXANE MODIFIE HYDROPHILE**
[72] YAMASAKI, TOMOAKI, JP
[72] OKAZAKI, SHINYA, JP
[72] OKAZAKI, HIROKI, JP
[72] HAMAMOTO, SHIGEKI, JP
[72] HAYASHI, YUKI, JP
[72] IWATA, MINORU, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[73] YAMASAKI, TOMOAKI, ZZ
[73] OKAZAKI, SHINYA, ZZ
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[73] HAMAMOTO, SHIGEKI, ZZ
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[54] **PRODUCTION METHOD FOR POWDERED HYDROPHILIC MODIFIED POLYROTAXANE**
[54] **PROCEDE DE PRODUCTION DE POLYROTAXANE MODIFIE HYDROPHILE REDUIT EN POUDRE**
[72] YAMASAKI, TOMOAKI, JP
[72] OKAZAKI, SHINYA, JP
[72] OKAZAKI, HIROKI, JP
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[54] **PROCEDES DE FABRICATION DE FIL, PRE-PRODUITS DE FIL ET FILS ASSOCIES**
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[73] GENERAL CABLE INDUSTRIES, INC., US
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[54] **UNITE INFORMATIQUE MODULAIRE MONTEE SUR ETAGERE**
[72] ROSS, PETER G., US
[72] FRINK, DARIN LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
[73] ROSS, PETER G., ZZ
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[54] **PROTECTEUR DE MANCHE POUR OUTIL A MAIN**
[72] BROBEIL, ACHIM, DE
[72] MISSEL, PATRICK, DE
[72] ARNDT, WOLFGANG, DE
[73] HUSQVARNA AB, SE
[73] BROBEIL, ACHIM, ZZ
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[25] FR
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[54] **METHODE CYTOLOGIQUE UTILISANT L'AUTOFLUORESCENCE DES GLOBULES BLANCS POUR LE DIAGNOSTIC PRECOCE ET LE SUIVI DES INFECTIONS**
[72] ASEHNOUNE, KARIM, FR
[72] FONTAINE-AUPART, MARIE-PIERRE, FR
[72] LECART, SANDRINE, FR
[72] MONSEL, ANTOINE, FR
[72] ROQUILLY, ANTOINE, FR
[73] CHU NANTES, FR
[73] UNIVERSITE DE NANTES, FR
[73] UNIVERSITE PARIS-SUD 11, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[72] SICILIA, ANTHONY J., US
[72] SAELER, KEVIN S., US
[73] MCCONWAY & TORLEY, LLC, US
[73] MCMILLEN, RICHARD G., ZZ
[73] SICILIA, ANTHONY J., ZZ
[73] SAELER, KEVIN S., ZZ
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[54] **CHAINE PORTE-CABLES COMPORTANT DES ELEMENTS D'ARTICULATION DEFORMABLES**
[72] BLASE, GUNTER, DE
[72] JAEKER, THILO-ALEXANDER, DE
[73] IGUS GMBH, DE
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[54] **COMPOSITION MEMBRANE COMPRISING MOISTURE-PERMEABLE RESIN AND REINFORCING POROUS MEMBRANE**
[54] **MEMBRANE DE COMPOSITION COMPRENANT UNE RESINE PERMEABLE A L'HUMIDITE ET UNE MEMBRANE POREUSE DE RENFORT**
[72] HIRAI, KEITA, JP
[72] FUJIMOTO, HIROYOSHI, JP
[73] W.L. GORE & ASSOCIATES, CO., LTD., JP
[73] HIRAI, KEITA, ZZ
[73] FUJIMOTO, HIROYOSHI, ZZ
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[54] **CORDON D'ACTIONNEMENT ET DISPOSITIF D'ACTIONNEMENT POUR DISPOSITIF PARE-SOLEIL**
[72] NAKAMURA, HAJIME, JP
[72] ABO, SEIYA, JP
[72] KAWAI, EIJI, JP
[72] YAMAGUCHI, MASAYA, JP
[72] UEHARA, SHOJIRO, JP
[73] TACHIKAWA CORPORATION, JP
[73] NAKAMURA, HAJIME, ZZ
[73] ABO, SEIYA, ZZ
[73] KAWAI, EIJI, ZZ
[73] YAMAGUCHI, MASAYA, ZZ
[73] UEHARA, SHOJIRO, ZZ
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[25] EN
[54] **METHOD FOR TRANSMITTING A BROADCAST SERVICE, APPARATUS FOR RECEIVING SAME, AND METHOD FOR PROCESSING AN ADDITIONAL SERVICE USING THE APPARATUS FOR RECEIVING SAME**
[54] **PROCEDE PERMETTANT DE TRANSMETTRE UN SERVICE DE DIFFUSION, APPAREIL PERMETTANT DE LE RECEVOIR, ET PROCEDE PERMETTANT DE TRAITER UN SERVICE SUPPLEMENTAIRE EN UTILISANT L'APPAREIL PERMETTANT DE LE RECEVOIR**
[72] MOON, KYOUNGSOO, KR
[72] SUH, JONGYEUL, KR
[72] KIM, KWANSUK, KR
[72] KIM, JINPIL, KR
[72] KIM, SANGHYUN, KR
[72] JI, AETTIE, KR
[72] KIM, KYUNGHO, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[73] MOON, KYOUNGSOO, ZZ
[73] SUH, JONGYEUL, ZZ
[73] KIM, KWANSUK, ZZ
[73] KIM, JINPIL, ZZ
[73] KIM, SANGHYUN, ZZ
[73] JI, AETTIE, ZZ
[73] KIM, KYUNGHO, ZZ
[73] LEE, JOONHUI, ZZ
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[25] EN
[54] **A SENSOR AND METHOD FOR SENSING**
[54] **CAPTEUR ET PROCEDE DE DETECTION**
[72] GOSTELI, JULIEN, CH
[72] RAVET, FABIEN, CH
[72] ROCHAT, ETIENNE, CH
[73] GOSTELI, JULIEN, ZZ
[73] RAVET, FABIEN, ZZ
[73] ROCHAT, ETIENNE, ZZ
[73] OMNISENS SA, CH
[85] 2013-10-28
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[25] EN
[54] **BIDIRECTIONAL DEMAND RESPONSE CONTROL**
[54] **CONTROLE BIDIRECTIONNEL DE LA REPONSE A LA DEMANDE**
[72] BRUSCHI, PAUL J., US
[72] SURESH, SINDHU, US
[73] SIEMENS CORPORATION, US
[73] BRUSCHI, PAUL J., ZZ
[73] SURESH, SINDHU, ZZ
[85] 2013-11-07
[86] 2012-05-14 (PCT/US2012/037705)
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[54] **TOWER RIDE**
[54] **ATTRACTION SUR TOUR**
[72] KITCHEN, WILLIAM J., US
[73] KITCHEN, WILLIAM J., US
[85] 2013-11-07
[86] 2012-05-25 (PCT/US2012/039735)
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[25] EN
[54] **PRESSURE STABILIZING MECHANISM AND HYDRAULIC PUMP EQUIPPED THEREWITH**
[54] **MECANISME DE STABILISATION DE PRESSION ET POMPE HYDRAULIQUE POURVUE DE CELUI-CI**
[72] VITALI, MARIO, CA
[72] MARTEL, GUY, CA
[73] MS GREGSON INC., CA
[73] VITALI, MARIO, CA
[73] MARTEL, GUY, CA
[86] (2836426)
[87] (2836426)
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[54] **MULTI-LOOP ADJUSTABLE KNOTLESS ANCHOR ASSEMBLY, ADJUSTABLE CAPTURE MECHANISM, AND METHOD FOR REPAIR**
[54] **ENSEMBLE D'ANCRAGE MULTI-BOUCLES REGLABLE SANS NOEUD, MECANISME DE CAPTURE REGLABLE ET PROCEDE DE REPARATION ASSOCIE**
[72] THAL, RAYMOND, US
[73] THAL, RAYMOND, US
[85] 2013-11-18
[86] 2012-05-16 (PCT/US2012/038060)
[87] (WO2012/158755)
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[54] **APPARATUS AND METHOD FOR MAINTAINING A TENSION IN A CABLE CONTROL SYSTEM**
[54] **APPAREIL ET PROCEDE POUR MAINTENIR UNE TENSION DANS UN SYSTEME DE COMMANDE DE CABLE**
[72] BUTLER, HARRIS, US
[73] LEARJET INC., US
[73] BUTLER, HARRIS, ZZ
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[54] **BIO-BASED POLYESTER RESINS**
[54] **RESINES DE POLYESTER D'ORIGINE BIOLOGIQUE**
[72] WOSNICK, JORDAN H., CA
[72] FARRUGIA, VALERIE M., CA
[73] XEROX CORPORATION, US
[73] WOSNICK, JORDAN H., CA
[73] FARRUGIA, VALERIE M., CA
[86] (2836737)
[87] (2836737)
[22] 2013-12-13
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[25] EN
[54] **METHOD AND APPARATUS FOR MULTIPLE INPUT POWER DISTRIBUTION TO ADJACENT OUTPUTS**
[54] **PROCEDE ET APPAREIL POUR UNE DISTRIBUTION D'ELECTRICITE A MULTIPLES ENTREES A DES SORTIES ADJACENTES**
[72] EWING, CARREL W., US
[72] CLEVELAND, ANDREW J., US
[72] MASKALY, JAMES P., US
[73] SERVER TECHNOLOGY, INC., US
[73] EWING, CARREL W., ZZ
[73] CLEVELAND, ANDREW J., ZZ
[73] MASKALY, JAMES P., ZZ
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[54] **LIQUID PHARMACEUTICAL COMPOSITION COMPRISING NITISINONE**
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE COMPRENANT DE LA NITISINONE**
[72] SVENSSON, LENNART, SE
[72] SIDEN, HANS, SE
[73] SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB, SE
[73] SVENSSON, LENNART, ZZ
[73] SIDEN, HANS, ZZ
[85] 2013-12-03
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[54] **ESTABLISHING COMMUNICATIONS WITH A SECURE NETWORK**
[54] **ETABLIR DES COMMUNICATIONS AVEC UN RESEAU SECURISE**
[72] FANG, WEN, US
[73] THE BOEING COMPANY, US
[73] FANG, WEN, ZZ
[85] 2013-12-03
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[25] EN
[54] **METHODS AND APPARATUSES FOR USER EQUIPMENT-BASED ENHANCEMENTS OF RADIO LINK CONTROL FOR MULTI-POINT WIRELESS TRANSMISSION**
[54] **PROCEDES ET APPAREILS POUR DES PERFECTIONNEMENTS BASES SUR UN EQUIPEMENT UTILISATEUR D'UNE COMMANDE DE LIAISON RADIO POUR DES TRANSMISSIONS SANS FIL MULTIPOINT**
[72] ZHANG, DANLU, US
[72] GE, WEIYAN, US
[72] KAPOOR, ROHIT, US
[72] MOHANTY, BIBHU PRASAD, US
[73] QUALCOMM INCORPORATED, US
[73] ZHANG, DANLU, ZZ
[73] GE, WEIYAN, ZZ
[73] KAPOOR, ROHIT, ZZ
[73] MOHANTY, BIBHU PRASAD, ZZ
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[54] **METHODS RELATING TO S100A12 FOR DIAGNOSING INFECTIOUS DISEASES AND KIT THEREFOR**
[54] **METHODES ASSOCIEES A S100 A12 POUR DIAGNOSTIQUER DES MALADIES INFECTIEUSES ET KIT CORRESPONDANT**
[72] LIU, KEYI, US
[72] PICHICHERO, MICHAEL, US
[73] ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE, US
[73] LIU, KEYI, ZZ
[73] PICHICHERO, MICHAEL, US
[85] 2013-12-03
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[25] EN
[54] **METHODS FOR DEGRADING OR CONVERTING PLANT CELL WALL POLYSACCHARIDES**
[54] **PROCEDES DE DEGRADATION OU DE CONVERSION DE POLYSACCHARIDES A PAROI CELLULAIRE VEGETALE**
[72] BERKA, RANDY, US
[72] CHERRY, JOEL, US
[73] NOVOZYMES, INC., US
[73] BERKA, RANDY, ZZ
[73] CHERRY, JOEL, ZZ
[86] (2838451)
[87] (2838451)
[22] 2005-03-10
[62] 2,561,020
[30] US (60/556,779) 2004-03-25

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[54] **ENTERTAINMENT APPARATUS**
[54] **APPAREIL DE DIVERTISSEMENT**
[72] MITCHELL, CIARAN, GB
[73] VOXX INTERNATIONAL CORPORATION, US
[73] MITCHELL, CIARAN, ZZ
[86] (2839035)
[87] (2839035)
[22] 2014-01-10
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[25] EN
[54] **FARNESOID X RECEPTOR (FXR) BINDING AND ACTIVITY MODULATING COMPOUNDS**
[54] **LIANT DU RECEPTEUR FARNESOID X (FXR) ET COMPOSES MODULANT L'ACTIVITE**
[72] KINZEL, OLAF, DE
[72] STEENECK, CHRISTOPH, DE
[72] KREMOSER, CLAUS, DE
[73] KINZEL, OLAF, ZZ
[73] STEENECK, CHRISTOPH, ZZ
[73] KREMOSER, CLAUS, ZZ
[73] GILEAD SCIENCES, INC., US
[85] 2013-12-13
[86] 2012-07-12 (PCT/EP2012/002941)
[87] (WO2013/007387)
[30] EP (11005722.1) 2011-07-13
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[25] EN
[54] **COMPOSITIONS FOR DEPOSITING AGENTS USING HIGHLY VOLATILE SILICONE SOLVENTS**
[54] **COMPOSITIONS POUR LE DEPOT D'AGENTS EMPLOYANT DES SOLVANTS DE SILICONE HAUTEMENT VOLATILS**
[72] COOPER, EUGENE R., US
[72] THOMPSON, ERIC R., US
[73] THOMPSON COOPER LABORATORIES, LLC, US
[73] COOPER, EUGENE R., ZZ
[73] THOMPSON, ERIC R., ZZ
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[51] **Int.Cl. C08F 8/12 (2006.01)**
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[54] **POLYMER PRODUCT AND THE USE OF THE SAME AS A DISPERSING AGENT**
[54] **PRODUIT DE POLYMERE ET SON UTILISATION COMME AGENT DE DISPERSION**
[72] CARCELLER, ROSA, FI
[72] JUPPO, ARI, FR
[72] AKSELA, REIJO, FI
[73] KEMIRA OYJ, FI
[73] CARCELLER, ROSA, ZZ
[73] JUPPO, ARI, ZZ
[73] AKSELA, REIJO, ZZ
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[86] 2012-06-15 (PCT/FI2012/050622)
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[51] **Int.Cl. B05B 7/04 (2006.01)**
[25] EN
[54] **ATOMIZING NOZZLE DEVICE, ATOMIZING PROCESS AND USE**
[54] **DISPOSITIF DE BUSE DE PULVERISATION, PROCEDE DE PULVERISATION ET UTILISATION**
[72] SAUNDERS, GEORGE, US
[72] KITTREDGE, RYAN, US
[73] OMYA INTERNATIONAL AG, CH
[73] SAUNDERS, GEORGE, ZZ
[73] KITTREDGE, RYAN, ZZ
[85] 2013-12-19
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[30] US (61/506,306) 2011-07-11
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[25] EN
[54] **DEVICE AND METHOD FOR CENTRIFUGING A FOOD PRODUCT**
[54] **DISPOSITIF ET PROCEDE POUR LA CENTRIFUGATION D'UN PRODUIT ALIMENTAIRE**
[72] LOEHN, MIRKO, DE
[72] VAN LOON, ERIK, NL
[73] FLORIGO INTERNATIONAL B.V., NL
[73] LOEHN, MIRKO, ZZ
[73] VAN LOON, ERIK, ZZ
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[54] **ROTOR REFINER PLATE ELEMENT FOR COUNTER-ROTATING REFINER HAVING CURVED BARS AND SERRATED LEADING EDGES**
[54] **ELEMENT PLAQUE DE RAFFINEUR A ROTOR POUR UN RAFFINEUR CONTRAROTATIF POURVU DE BARRES COURBES ET DE BORDS D'ATTAQUE DENTELES**
[72] GINGRAS, LUC, GB
[73] ANDRITZ INC., US
[73] GINGRAS, LUC, ZZ
[85] 2014-01-10
[86] 2012-07-13 (PCT/US2012/046651)
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[25] EN
[54] **A TOUCH PEN, ELECTRONIC DEVICE FOR RECOGNIZING THE TOUCH PEN, AND METHOD OF OPERATING THE ELECTRONIC DEVICE**
[54] **CRAYON TACTILE, DISPOSITIF ELECTRONIQUE RECONNAISSANT LE CRAYON TACTILE ET PROCEDE D'UTILISATION DU DISPOSITIF ELECTRONIQUE**
[72] KIM, JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] KIM, JIN, ZZ
[86] (2841503)
[87] (2841503)
[22] 2014-02-03
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[51] **Int.Cl. C01B 32/312 (2017.01) C01B 32/30 (2017.01) C09C 1/44 (2006.01)**
[25] EN
[54] **OPERATIONAL CONDITIONS AND METHOD FOR PRODUCTION OF HIGH QUALITY ACTIVATED CARBON**
[54] **CONDITIONS OPERATOIRES ET PROCEDE DE PRODUCTION DE CHARBON ACTIF DE HAUTE QUALITE**
[72] JONES, MICHAEL A., US
[73] PNEUMATIC PROCESSING TECHNOLOGIES, LLC, US
[85] 2014-01-13
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[25] EN
[54] **CUTTING BODY CONFIGURED FOR FINE-TUNING**
[54] **CORPS DE COUPE CONFIGURE POUR UN REGLAGE FIN**
[72] ATHAD, SHIMON, IL
[73] ISCAR LTD., IL
[73] ATHAD, SHIMON, ZZ
[85] 2014-01-17
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[54] **DRILL BIT ALLOY**
[54] **ALLIAGE DE FORET**
[72] MILLER, ROBERT KENNETH, CA
[73] MILLER, ROBERT KENNETH, CA
[73] SKEELS, TODD, CA
[85] 2014-01-22
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[54] **PRESSURE SENSING DEVICES**
[54] **CAPTEURS DE PRESSION**
[72] MAUGE, CHRISTOPHE, US
[72] DEXTRADEUR, ALAN J., US
[72] MCCUSKER, J. DANIEL, US
[72] MEYER, STEFAN, DE
[72] BOEDECKER, VOLKER, DE
[72] OSTERMEIER, MAX G., DE
[72] KRAUS, ROBERT G., DE
[73] CODMAN & SHURTLEFF, INC., US
[73] MAUGE, CHRISTOPHE, ZZ
[73] DEXTRADEUR, ALAN J., ZZ
[73] MCCUSKER, J. DANIEL, ZZ
[73] MEYER, STEFAN, ZZ
[73] BOEDECKER, VOLKER, ZZ
[73] OSTERMEIER, MAX G., ZZ
[73] KRAUS, ROBERT G., ZZ
[86] (2842754)
[87] (2842754)
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[62] 2,539,461
[30] US (60/661,758) 2005-03-15
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[51] **Int.Cl. B25J 17/00 (2006.01)**
[25] EN
[54] **TWO JOINT MODULE**
[54] **MODULE A DEUX JOINTS**
[72] GOLDENBERG, ANDREW A., CA
[72] BAILEY, BRENT, CA
[72] GRYNIEWSKI, MATTHEW, CA
[72] HE, XIAOJIA, CA
[72] YANG, YI, CA
[73] ENGINEERING SERVICES INC., CA
[73] GOLDENBERG, ANDREW A., CA
[73] BAILEY, BRENT, CA
[73] GRYNIEWSKI, MATTHEW, CA
[73] HE, XIAOJIA, CA
[73] YANG, YI, CA
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[87] (2843090)
[22] 2014-02-20
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[51] **Int.Cl. H01M 8/0247 (2016.01)**
[25] EN
[54] **FUEL CELL AND FUEL CELL STACK EXHIBITING CONNECTIVITY OVER LONG TERM USAGE**
[54] **PILE A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE PRESENTANT UNE CONNECTIVITE DURANT UN USAGE A LONG TERME**
[72] HOTTA, NOBUYUKI, JP
[72] KOMATSU, DAISUKE, JP
[72] MATSUI, NAOTO, JP
[72] OKAZAKI, SHINOBU, JP
[72] UEMATSU, HIDEKI, JP
[72] ISHIKAWA, HIROYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] HOTTA, NOBUYUKI, ZZ
[73] KOMATSU, DAISUKE, ZZ
[73] MATSUI, NAOTO, ZZ
[73] OKAZAKI, SHINOBU, ZZ
[73] UEMATSU, HIDEKI, ZZ
[73] ISHIKAWA, HIROYA, ZZ
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[25] EN
[54] **GLOVE PACKAGING HAVING ANTIMICROBIAL BARRIER**
[54] **EMBALLAGE POUR GANTS PRESENTANT UNE BARRIERE ANTIMICROBIENNE**
[72] YAO, MIN, US
[72] AMDUR, SAMUEL T. H., US
[73] MEDLINE INDUSTRIES, INC., US
[73] YAO, MIN, ZZ
[73] AMDUR, SAMUEL T. H., ZZ
[86] (2843728)
[87] (2843728)
[22] 2014-02-21
[30] US (13/790,091) 2013-03-08

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[51] **Int.Cl. H04W 48/12 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING AND TRANSMITTING INFORMATION**
[54] **PROCEDE ET EQUIPEMENT POUR DETECTER ET TRANSMETTRE DES INFORMATIONS**
[72] GUAN, LEI, CN
[72] CHENG, YAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] GUAN, LEI, ZZ
[73] CHENG, YAN, ZZ
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[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING A LIGHTNING STRIKE**
[54] **PROCEDE ET APPAREIL DE DETECTION DE FOUDROIEMENT**
[72] VAN DEVENTER, BRUCE, US
[73] THE BOEING COMPANY, US
[73] VAN DEVENTER, BRUCE, ZZ
[85] 2014-02-05
[86] 2012-09-25 (PCT/US2012/057151)
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[25] EN
[54] **THERMALLY COATED WALL ANCHOR AND ANCHORING SYSTEMS WITH IN-CAVITY THERMAL BREAKS FOR CAVITY WALLS**
[54] **ANCRAGE MURAL A REVETEMENT THERMIQUE ET SYSTEMES D'ANCRAGE A COUPURES THERMIQUES DANS LES CAVITES POUR MURS CREUX**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[73] HOHMANN, RONALD P., JR., ZZ
[86] (2844460)
[87] (2844460)
[22] 2014-03-04
[30] US (13/786,982) 2013-03-06

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[51] **Int.Cl. G01D 21/00 (2006.01) A01F 25/14 (2006.01)**
[25] EN
[54] **GRAIN BIN SENSOR CABLE FORMING METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE DE FORMATION DE CABLE DE CAPTEUR DE CELLULE A GRAIN**
[72] BLOEMENDAAL, BRENT J., US
[73] CTB, INC., US
[73] BLOEMENDAAL, BRENT J., ZZ
[86] (2844695)
[87] (2844695)
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[54] **PIPERAZINE DERIVATIVES**
[54] **DERIVES DE PIPERAZINE**
[72] VAUGHAN, KEITH, CA
[73] VAUGHAN, KEITH, CA
[73] INNOVASCREEN INC., CA
[85] 2014-02-12
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[25] EN
[54] **ELECTRICAL FIXTURE CONNECTION**
[54] **CONNEXION DE LUMINAIRE ELECTRIQUE**
[72] BIRDWELL, TIMOTHY GALE, US
[72] BRETSCHNEIDER, ERIC COLIN, US
[72] FITZGIBBON, JAMES J., US
[72] MOORE, BRADLEY T., US
[72] TYLICKI, SCOTT BLAISE, US
[73] HEATHCO, LLC, US
[73] BIRDWELL, TIMOTHY GALE, ZZ
[73] BRETSCHNEIDER, ERIC COLIN, ZZ
[73] FITZGIBBON, JAMES J., ZZ
[73] MOORE, BRADLEY T., ZZ
[73] TYLICKI, SCOTT BLAISE, ZZ
[86] (2845210)
[87] (2845210)
[22] 2014-03-07
[30] US (61/773,946) 2013-03-07
[30] US (61/885,261) 2013-10-01
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[51] **Int.Cl. E01C 19/20 (2006.01) B60B 39/02 (2006.01) E01H 10/00 (2006.01)**
[25] EN
[54] **AUTOMATED DISPENSING OF TRAVEL PATH APPLICANTS**
[54] **DISTRIBUTION AUTOMATIQUE DE DEMANDEURS DE TRAJET DE DEPLACEMENT**
[72] KADABA, NAGESH, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[73] KADABA, NAGESH, ZZ
[85] 2014-02-19
[86] 2012-04-17 (PCT/US2012/033890)
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[25] EN
[54] **PERCUTANEOUS SPINAL CROSS LINK SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME A LIAISONS CROISEES SPINALES PERCUTANEES**
[72] REITBLAT, ABRAM, US
[72] TALIJAN, DAVID, US
[72] DOMBROWSKI, LORI, US
[72] BUSH, CHARLES L., JR., US
[73] REITBLAT, ABRAM, ZZ
[73] TALIJAN, DAVID, ZZ
[73] DOMBROWSKI, LORI, ZZ
[73] BUSH, CHARLES L., JR., ZZ
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2846152)
[87] (2846152)
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[51] **Int.Cl. E01C 23/06 (2006.01) E01C 19/08 (2006.01) F28D 13/00 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **THERMOSTATICALLY CONTROLLED ASPHALT HEATER FOR A MOBILE PAVEMENT PATCHING VEHICLE**
[54] **CHAUFFE-ASPHALTE A CONTROLE THERMOSTATIQUE POUR UN VEHICULE MOBILE DE REPARATION DE CHAUSSEE**
[72] HULICSKO, LES, CA
[72] SKINNER, ROBERT, CA
[73] SUPERIORROADS SOLUTIONS LIMITED PARTNERSHIP, CA
[73] HULICSKO, LES, CA
[73] SKINNER, ROBERT, CA
[86] (2846198)
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[25] EN
[54] **PYRIMIDINES AS SODIUM CHANNEL BLOCKERS**
[54] **PYRIMIDINES UTILISEES COMME BLOQUEURS DE CANAUX SODIQUES**
[72] NI, CHIYOU, US
[72] PARK, MINNIE, US
[72] SHAO, BIN, US
[72] TAFESSE, LAYKEA, US
[72] YAO, JIANGCHAO, US
[72] YOUNGMAN, MARK, US
[73] PURDUE PHARMA L.P., US
[73] NI, CHIYOU, ZZ
[73] PARK, MINNIE, ZZ
[73] SHAO, BIN, ZZ
[73] TAFESSE, LAYKEA, ZZ
[73] YAO, JIANGCHAO, ZZ
[73] YOUNGMAN, MARK, ZZ
[85] 2014-02-25
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[25] EN
[54] **TRANSDERMAL VENOUS ACCESS LOCKING SOLUTIONS**
[54] **SOLUTIONS DE BLOCAGE DE L'ACCES VEINEUX TRANSDERMIQUE**
[72] MILLS, STANLEY L., US
[72] MILLS, JACQUELINE L., US
[72] MAURER, ROBERT D., US
[72] RAYBURN, GARY L., US
[72] CUCHENS, MARVIN A., US
[73] ORGANIC MEDICAL VENTURES, L.L.C., US
[73] MILLS, STANLEY L., ZZ
[73] MILLS, JACQUELINE L., ZZ
[73] MAURER, ROBERT D., ZZ
[73] RAYBURN, GARY L., ZZ
[73] CUCHENS, MARVIN A., ZZ
[85] 2014-02-26
[86] 2011-08-31 (PCT/US2011/049941)
[87] (WO2013/032464)

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[51] **Int.Cl. H01M 8/102 (2016.01)**
[25] EN
[54] **POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY USING SAME, AND POLYMER ELECTROLYTE FUEL CELL**
[54] **MEMBRANE ELECTROLYTE POLYMERE, ENSEMBLE ELECTRODE A MEMBRANE QUI UTILISE CETTE DERNIERE ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] UMEDA, HIROAKI, JP
[72] IZUHARA, DAISUKE, JP
[72] AMANO, EMI, JP
[73] TORAY INDUSTRIES, INC., JP
[73] UMEDA, HIROAKI, ZZ
[73] IZUHARA, DAISUKE, ZZ
[73] AMANO, EMI, ZZ
[85] 2014-02-27
[86] 2012-08-24 (PCT/JP2012/071408)
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[30] JP (2011-185667) 2011-08-29

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[51] **Int.Cl. E21B 43/243 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **IN SITU COMBUSTION RECOVERY PROCESS FOR MATURE STEAM-ASSISTED GRAVITY DRAINAGE OPERATIONS**
[54] **PROCEDE DE RECUPERATION A COMBUSTION IN SITU POUR OPERATIONS DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR ANCIENNES**
[72] LI, JIAN, CA
[72] CHIU, KIM, CA
[72] COULTER, CAL, CA
[73] SUNCOR ENERGY INC., CA
[73] LI, JIAN, CA
[73] CHIU, KIM, CA
[73] COULTER, CAL, CA
[86] (2847742)
[87] (2847742)
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[25] EN
[54] **STILBENOID COMPOUNDS AS INHIBITORS FOR SQUAMOUS CARCINOMA AND HEPATOMA AND USES THEREOF**
[54] **COMPOSES STILBENOIDES EN TANT QU'INHIBITEURS POUR LE CARCINOME SQUAMEUX ET L'HEPATOME ET LEURS UTILISATIONS**
[72] KUO, SHENG-CHU, TW
[72] YANG, JAI-SING, TW
[72] HSIEH, MIN-TSANG, TW
[72] LEE, KUO-HSIUNG, TW
[72] CHEN, HUEI-WEN, TW
[72] HUANG, LI-JIAU, TW
[72] HUNG, HSIN-YI, TW
[72] WAY, TZONG-DER, TW
[72] CHANG, LING-CHU, TW
[72] LIN, HUI-YI, TW
[72] CHENG, YUNG-YI, TW
[72] LIU, CHIN-YU, TW
[73] KUO, SHENG-CHU, ZZ
[73] YANG, JAI-SING, ZZ
[73] HSIEH, MIN-TSANG, ZZ
[73] LEE, KUO-HSIUNG, ZZ
[73] CHEN, HUEI-WEN, ZZ
[73] HUANG, LI-JIAU, ZZ
[73] HUNG, HSIN-YI, ZZ
[73] WAY, TZONG-DER, ZZ
[73] CHANG, LING-CHU, ZZ
[73] LIN, HUI-YI, ZZ
[73] CHENG, YUNG-YI, ZZ
[73] LIU, CHIN-YU, ZZ
[73] CHINA MEDICAL UNIVERSITY, TW
[86] (2847971)
[87] (2847971)
[22] 2014-04-01
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[51] **Int.Cl. E21B 47/113 (2012.01) E21B 47/085 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION AND QUANTIFICATION OF BOREHOLE STANDOFF**
[54] **PROCEDE ET APPAREIL POUR DETECTION ET QUANTIFICATION DE DISTANCE DE TROU DE FORAGE**
[72] HU, DAVID G., US
[73] HU, DAVID G., ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2848886)
[87] (2848886)
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[51] **Int.Cl. C09D 5/14 (2006.01) A01N 33/12 (2006.01) A01N 43/40 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **HIGH QUALITY ANTIMICROBIAL PAINT COMPOSITION**
[54] **COMPOSITION DE PEINTURE ANTIMICROBIENNE DE HAUTE QUALITE**
[72] GISSER, KATHLEEN R., US
[72] SIBBALD, MORGAN S., US
[72] SMITH, WANDA J., US
[72] DRESHAR, JANICE K., US
[72] PROCHAZKA, DONALD A., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[73] GISSER, KATHLEEN R., ZZ
[73] SIBBALD, MORGAN S., ZZ
[73] SMITH, WANDA J., ZZ
[73] DRESHAR, JANICE K., ZZ
[73] PROCHAZKA, DONALD A., ZZ
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[51] **Int.Cl. H04N 1/409 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING DEBLOCKING ARTIFACTS**
[54] **PROCEDE D'ELIMINATION D'ARTEFACTS DE DEBLOCAGE**
[72] JANG, MIN, KR
[73] INFOBRIDGE PTE. LTD., SG
[73] JANG, MIN, ZZ
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[51] **Int.Cl. B25B 23/142 (2006.01) B23Q 17/00 (2006.01) B25B 23/14 (2006.01)**
[25] EN
[54] **METHOD OF COMPENSATING FOR ADAPTERS OR EXTENSIONS ON AN ELECTRONIC TORQUE WRENCH**
[54] **PROCEDE DE COMPENSATION POUR DES ADAPTATEURS OU DES RALLONGES SUR UNE CLE DYNAMOMETRIQUE ELECTRONIQUE**
[72] KING, JERRY A., US
[72] VALLEJOS, DUANE A., US
[72] LOBO, ANDREW R., US
[72] LAWTON, CHRIS, US
[72] LEE, NATHAN, US
[73] SNAP-ON INCORPORATED, US
[73] KING, JERRY A., ZZ
[73] VALLEJOS, DUANE A., ZZ
[73] LOBO, ANDREW R., ZZ
[73] LAWTON, CHRIS, ZZ
[73] LEE, NATHAN, ZZ
[86] (2849522)
[87] (2849522)
[22] 2014-04-22
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[51] **Int.Cl. H01R 13/73 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **TRUSS INTERCONNECT**
[54] **INTERCONNEXION DE FERME**
[72] LARSEN, TY AABY, US
[72] BROUWER, TODD BURTON, US
[72] JOHNSON, ROBERT T., US
[72] LIFFRING, MARK EUGENE, US
[72] SHANDER, MARK STEPHEN, US
[72] HOLLEY, ROBERT DENNIS, US
[72] DOUGLAS, MARGARET L., US
[73] THE BOEING COMPANY, US
[73] LARSEN, TY AABY, ZZ
[73] BROUWER, TODD BURTON, ZZ
[73] JOHNSON, ROBERT T., ZZ
[73] LIFFRING, MARK EUGENE, ZZ
[73] SHANDER, MARK STEPHEN, ZZ
[73] HOLLEY, ROBERT DENNIS, ZZ
[73] DOUGLAS, MARGARET L., ZZ
[86] (2849584)
[87] (2849584)
[22] 2014-04-23
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[51] **Int.Cl. H04W 12/04 (2009.01)**
[25] EN
[54] **METHOD FOR UPDATING AND GENERATING AIR INTERFACE KEY AND RADIO ACCESS SYSTEM**
[54] **PROCEDE POUR ACTUALISER ET GENERER UNE CLE D'INTERFACE HERTZIENNE ET SYSTEME D'ACCES SANS FIL**
[72] FENG, CHENGYAN, CN
[72] HE, FENG, CN
[73] ZTE CORPORATION, CN
[73] FENG, CHENGYAN, ZZ
[73] HE, FENG, ZZ
[85] 2013-08-26
[86] 2011-03-11 (PCT/CN2011/071719)
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[30] CN (201010202417.8) 2010-06-07

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[51] **Int.Cl. B63B 43/18 (2006.01) B63B 27/14 (2006.01) B63B 59/02 (2006.01)**
[25] EN
[54] **SHIP ANTI-COLLISION DEVICE, SHIP WITH SAME AND QUICK ANTI-COLLISION LANDING BRIDGE**
[54] **DISPOSITIF ANTICOLLISION POUR NAVIRE, NAVIRE EQUIPE DE CELUI-CI ET PASSERELLE DE TRANSBORDEMENT ANTICOLLISION RAPIDE**
[72] LI, YUEXIAN, CN
[72] LIU, WEIBIN, CN
[72] LI, JI, CN
[72] LI, LEILEI, CN
[73] LI, YUEXIAN, ZZ
[73] LIU, WEIBIN, ZZ
[73] LI, JI, ZZ
[73] LI, LEILEI, ZZ
[73] SUNBIRD YACHT CO., LTD., CN
[85] 2014-05-02
[86] 2013-01-29 (PCT/CN2013/071059)
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[51] **Int.Cl. G06F 11/20 (2006.01) G06F 11/14 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A CONTROL NETWORK, AND CONTROL NETWORK**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN RESEAU DE COMMANDE ET RESEAU DE COMMANDE**
[72] KIRSCH, ANDREAS, DE
[72] LUDWIG, HARTMUT, US
[72] PORSCH, ROLAND, DE
[72] SCHWARZ, TINO, DE
[72] ZIEGLER, ANDREAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] KIRSCH, ANDREAS, ZZ
[73] LUDWIG, HARTMUT, ZZ
[73] PORSCH, ROLAND, ZZ
[73] SCHWARZ, TINO, ZZ
[73] ZIEGLER, ANDREAS, ZZ
[85] 2014-04-11
[86] 2012-10-05 (PCT/EP2012/069688)
[87] (WO2013/053643)
[30] US (13/272,260) 2011-10-13

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[13] A1
[51] **Int.Cl. F02K 1/12 (2006.01) F02K 1/15 (2006.01)**
[25] EN
[54] **PIVOTING RING PETAL ACTUATION FOR VARIABLE AREA FAN NOZZLE**
[54] **ACTIONNEUR DE PETALE ANNULAIRE PIVOTANT POUR UNE BUSE A FENTE A SURFACE VARIABLE**
[72] JASKLOWSKI, CHRISTOPHER T., US
[73] JASKLOWSKI, CHRISTOPHER T., ZZ
[73] THE BOEING COMPANY, US
[86] (2852432)
[87] (2852432)
[22] 2014-05-26
[30] US (13/928407) 2013-06-27

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[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/00 (2009.01)**
[25] EN
[54] **ORDER FULFILLMENT SYSTEMS AND METHODS WITH CUSTOMER LOCATION TRACKING**
[54] **SYSTEMES ET METHODES DE LIVRAISON DE COMMANDE INTEGRANT LE REPERAGE DE L'EMPLACEMENT DU CLIENT**
[72] AGASTI, VARUN REDDY, US
[72] MUNJAL, LEENA, US
[73] SEARS BRANDS, LLC, US
[73] AGASTI, VARUN REDDY, ZZ
[73] MUNJAL, LEENA, ZZ
[86] (2853029)
[87] (2853029)
[22] 2014-05-30
[30] US (13/923,695) 2013-06-21

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[51] **Int.Cl. A47J 36/06 (2006.01) A47J 27/092 (2006.01) B65D 43/08 (2006.01) B65D 53/02 (2006.01)**
[25] EN
[54] **LID FOR VACUUM COOKING POT AND COOKING POT USING SAME**
[54] **COUVERCLE POUR RECIPIENT DE CUISSON SOUS VIDE ET RECIPIENT DE CUISSON L'UTILISANT**
[72] LEE, HYUN SAM, KR
[73] HAPPYCALL CO., LTD., KR
[73] LEE, HYUN SAM, ZZ
[85] 2014-04-23
[86] 2013-03-26 (PCT/KR2013/002493)
[87] (WO2013/151264)
[30] KR (10-2012-0035485) 2012-04-05
[30] KR (10-2012-0035486) 2012-04-05
[30] KR (10-2012-0133205) 2012-11-22

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[25] EN
[54] **MODIFIED RUBBER MASTERBATCH, AND RUBBER COMPOSITION AND VULCANIZED RUBBER PRODUCED THEREFROM, AND THE PREPARATION PROCESSES FOR THEM**
[54] **MELANGE MAITRE DE CAOUTCHOUC MODIFIE ET COMPOSITION DE CAOUTCHOUC ET CAOUTCHOUC VULCANISE PRODUIT A PARTIR DE CELLE-CI ET PROCEDES DE PREPARATION POUR CEUX-CI**
[72] QIAO, JINLIANG, CN
[72] CONG, YUEXIN, CN
[72] ZHANG, XIAOHONG, CN
[72] LI, YING, CN
[72] GAO, JIANMING, CN
[72] ZHANG, QIANMIN, CN
[72] SONG, ZHIHAI, CN
[72] SUN, YANLING, CN
[72] LAI, JINMEI, CN
[72] SONG, PEIJUN, CN
[72] CAI, CHUANLUN, CN
[72] ZHAO, GUOXUN, CN
[72] ZHANG, HONGBIN, CN
[72] QI, GUICUN, CN
[72] WANG, YA, CN
[72] LI, BINGHAI, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] QIAO, JINLIANG, ZZ
[73] CONG, YUEXIN, ZZ
[73] ZHANG, XIAOHONG, ZZ
[73] LI, YING, ZZ
[73] GAO, JIANMING, ZZ
[73] ZHANG, QIANMIN, ZZ
[73] SONG, ZHIHAI, ZZ
[73] SUN, YANLING, ZZ
[73] LAI, JINMEI, ZZ
[73] SONG, PEIJUN, ZZ
[73] CAI, CHUANLUN, ZZ
[73] ZHAO, GUOXUN, ZZ
[73] ZHANG, HONGBIN, ZZ
[73] QI, GUICUN, ZZ
[73] WANG, YA, ZZ
[73] LI, BINGHAI, ZZ
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[54] **N-ACYLDIPEPTIDE DERIVATIVES AND THEIR USES**
[54] **DERIVES N-ACYLDIPEPTIDES ET LEURS UTILISATIONS**
[72] YU, RUEY J., US
[72] VAN SCOTT, EUGENE J., US
[73] NEOSTRATA COMPANY, INC., US
[85] 2014-04-28
[86] 2012-10-31 (PCT/US2012/062715)
[87] (WO2013/063615)
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING GEOMETRY OF NON-CIRCULAR TWISTED STRAND DURING STRANDING PROCESS**
[54] **SYSTEME ET PROCEDE POUR MESURER LA GEOMETRIE D'UN TORON TORSADE NON CIRCULAIRE DURANT UN PROCEDE DE TORONNAGE**
[72] ASHKENAZI, RONEN, IL
[73] M.R.E. MATRON ROPE & WIRE ROPE ENGINEERING LTD., IL
[73] ASHKENAZI, RONEN, ZZ
[86] (2853990)
[87] (2853990)
[22] 2014-06-11
[30] IL (IL 226935) 2013-06-13

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[25] EN
[54] **TONER CARTRIDGE WITH PRESSURE EQUALIZATION SYSTEM**
[54] **CARTOUCHE DE TONER DOTEE DE SYSTEME D'EQUILIBRAGE DE PRESSION**
[72] LEEMHUIS, JAMES RICHARD, US
[72] HACKNEY, GARY NEAL, US
[73] LEXMARK INTERNATIONAL, INC., US
[73] LEEMHUIS, JAMES RICHARD, ZZ
[73] HACKNEY, GARY NEAL, ZZ
[85] 2014-04-29
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[25] EN
[54] **PROVIDING UNIVERSAL SOCIAL CONTEXT FOR CONCEPTS IN A SOCIAL NETWORKING SYSTEM**
[54] **FOURNITURE DE CONTEXTE SOCIAL UNIVERSEL POUR DES CONCEPTS DANS UN SYSTEME DE RESEAUTAGE SOCIAL**
[72] CATHCART, ROBERT WILLIAM, US
[72] SAGULA, RAFAEL LINDEN, US
[72] MARLOW, CAMERON ALEXANDER, US
[72] CHANG, JONATHAN, US
[72] KAR, SIDDHARTH, US
[72] SUN, ERIC, US
[73] FACEBOOK, INC., US
[73] CATHCART, ROBERT WILLIAM, ZZ
[73] SAGULA, RAFAEL LINDEN, ZZ
[73] MARLOW, CAMERON ALEXANDER, ZZ
[73] CHANG, JONATHAN, ZZ
[73] KAR, SIDDHARTH, ZZ
[73] SUN, ERIC, ZZ
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[54] **TRANSPORT AND HANDLING SYSTEM AND METHODS OF TRANSPORTING A COMMODITY**
[54] **SYSTEME DE TRANSPORT ET DE MANUTENTION ET PROCEDES DE TRANSPORT D'UNE MARCHANDISE**
[72] ATMUR, ROBERT J., US
[72] BERON-RAWDON, DEBORAH ANN, US
[73] ATMUR, ROBERT J., ZZ
[73] BERON-RAWDON, DEBORAH ANN, ZZ
[73] THE BOEING COMPANY, US
[85] 2014-05-02
[86] 2012-11-29 (PCT/US2012/067109)
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[25] EN
[54] **BENDING APPARATUS**
[54] **DISPOSITIF DE CINTRAGE**
[72] KUWAYAMA, SHINJIRO, JP
[72] TOMIZAWA, ATSUSHI, JP
[72] INOUE, SABURO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] KUWAYAMA, SHINJIRO, ZZ
[73] TOMIZAWA, ATSUSHI, ZZ
[73] INOUE, SABURO, ZZ
[86] (2855047)
[87] (2855047)
[22] 2010-05-17
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[25] EN
[54] **BENDING APPARATUS**
[54] **DISPOSITIF DE CINTRAGE**
[72] KUWAYAMA, SHINJIRO, JP
[72] TOMIZAWA, ATSUSHI, JP
[72] INOUE, SABURO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] KUWAYAMA, SHINJIRO, ZZ
[73] TOMIZAWA, ATSUSHI, ZZ
[73] INOUE, SABURO, ZZ
[86] (2855049)
[87] (2855049)
[22] 2010-05-17
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[30] JP (2009-120844) 2009-05-19

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[25] EN
[54] **METHOD AND APPARATUS FOR SETTING REFERENCE PICTURE INDEX OF TEMPORAL MERGING CANDIDATE**
[54] **PROCEDE ET APPAREIL POUR LA DEFINITION D'UN INDICE D'IMAGE DE REFERENCE D'UN CANDIDAT A LA FUSION TEMPORELLE**
[72] KIM, HUI YONG, KR
[72] PARK, GWANG HOON, KR
[72] KIM, KYUNG YONG, KR
[72] KIM, SANG MIN, KR
[72] LIM, SUNG CHANG, KR
[72] LEE, JIN HO, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[73] UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY, KR
[73] KIM, HUI YONG, ZZ
[73] PARK, GWANG HOON, ZZ
[73] KIM, KYUNG YONG, ZZ
[73] KIM, SANG MIN, ZZ
[73] LIM, SUNG CHANG, ZZ
[73] LEE, JIN HO, ZZ
[73] CHOI, JIN SOO, ZZ
[73] KIM, JIN WOONG, ZZ
[85] 2014-05-13
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[87] (WO2013/094960)
[30] KR (10-2011-0140861) 2011-12-23
[30] KR (10-2012-0003617) 2012-01-11
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[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HANDLE HAVING AN INNER CAVITY**
[54] **MANCHE POUR BROSSE A DENTS POURVU D'UNE CAVITE INTERNE**
[72] NEWMAN, MATTHEW LLOYD, US
[72] WEN, CATHY, US
[72] BIRK, ANDREAS, DE
[72] BRESSELSCHMIDT, ANDREAS, DE
[72] HORTON, ANDREW JOSEPH, US
[72] KAWERAU, JOCHEN, DE
[72] PFEIFER, ULRICH, DE
[72] SATTERFIELD, RICHARD DARREN, US
[72] SCHMELCHER, HEIDRUN ANNIKA, DE
[72] SCHMID, FRANZISKA, DE
[72] STOERKEL, JENS UWE, DE
[72] WEST, GEORGE, US
[72] WINKLER, TILMANN, DE
[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] NEWMAN, MATTHEW LLOYD, ZZ
[73] WEN, CATHY, ZZ
[73] BIRK, ANDREAS, ZZ
[73] BRESSELSCHMIDT, ANDREAS, ZZ
[73] HORTON, ANDREW JOSEPH, ZZ
[73] KAWERAU, JOCHEN, ZZ
[73] PFEIFER, ULRICH, ZZ
[73] SATTERFIELD, RICHARD DARREN, ZZ
[73] SCHMELCHER, HEIDRUN ANNIKA, ZZ
[73] SCHMID, FRANZISKA, ZZ
[73] STOERKEL, JENS UWE, ZZ
[73] WEST, GEORGE, ZZ
[73] WINKLER, TILMANN, ZZ
[73] HUSTEDT, SIEGFRIED KURT MARTIN, ZZ
[85] 2014-05-15
[86] 2012-11-21 (PCT/US2012/066316)
[87] (WO2013/078355)
[30] US (61/562,675) 2011-11-22

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[25] EN
[54] **DEVICE FOR THERMAL CONVECTION POLYMERASE CHAIN REACTION**
[54] **DISPOSITIF A CONVECTION THERMIQUE POUR UNE REACTION EN CHAINE DE LA POLYMERASE**
[72] SU, CHENG, CN
[72] TENG, PING HUA, CN
[73] GENEREACH BIOTECHNOLOGY CORP., CN
[73] SU, CHENG, ZZ
[73] TENG, PING HUA, ZZ
[85] 2014-05-20
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[25] EN
[54] **APPARATUS FOR NON-DESTRUCTIVE INSPECTION OF STRINGERS**
[54] **APPAREIL POUR INSPECTION NON DESTRUCTIVE DE RAIDISSEURS**
[72] SARR, DENNIS P., US
[72] BUI, HIEN T., US
[73] SARR, DENNIS P., ZZ
[73] BUI, HIEN T., ZZ
[73] THE BOEING COMPANY, US
[86] (2856683)
[87] (2856683)
[22] 2014-07-10
[30] US (13/975,599) 2013-08-26

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[51] **Int.Cl. G01N 33/28 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR ANALYZING DRILLING FLUID**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS D'ANALYSE DE BOUES DE FORAGE**
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[72] BROUSSARD, SHAWN, US
[72] GONZALEZ, PETER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] JAMISON, DALE E., ZZ
[73] MURPHY, ROBERT J., ZZ
[73] BROUSSARD, SHAWN, ZZ
[73] GONZALEZ, PETER, ZZ
[85] 2014-05-22
[86] 2013-01-07 (PCT/US2013/020559)
[87] (WO2013/112274)
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[13] A1
[51] **Int.Cl. B65D 5/481 (2006.01)**
[25] EN
[54] **DIVIDER BOXES AND THEIR ASSEMBLY**
[54] **BOITES A DIVISION ET LEUR ASSEMBLAGE**
[72] YOUELL, D. RUDOLPH, US
[72] SPENCER, AARON, US
[72] FISCO, MICHAEL, US
[73] YOUELL, D. RUDOLPH, ZZ
[73] SPENCER, AARON, ZZ
[73] FISCO, MICHAEL, ZZ
[73] DRYIP, LLC, US
[86] (2857440)
[87] (2857440)
[22] 2014-07-17
[30] US (14/093,763) 2013-12-02

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[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **SOLID FORMS OF (1R,4R)-6'-FLUORO-(N,N-DIMETHYL)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO-[3,4,B]INDOL]-4-AMINE AND SULFURIC ACID**
[54] **FORMES SOLIDES DE (1R,4R)-6'-FLUORO-(N,N-DIMETHYL)-4-PHENYL-4',9'- DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4-B]INDOL]-4-AMINE ET D'ACIDE SULFURIQUE**
[72] GRUSS, MICHAEL, DE
[72] PRUHS, STEFAN, DE
[72] KLUGE, STEFAN, CH
[73] GRUNENTHAL GMBH, DE
[73] GRUSS, MICHAEL, ZZ
[73] PRUHS, STEFAN, ZZ
[73] KLUGE, STEFAN, ZZ
[85] 2014-06-10
[86] 2012-12-11 (PCT/EP2012/075004)
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[25] EN
[54] **A CONSUMABLE AQUEOUS GEL FOR USE IN PEST CONTROL, A PEST CONTROL DEVICE COMPRISING AN AQUEOUS GEL, AND THE USE OF AN AQUEOUS GEL IN A PEST CONTROL DEVICE AND IN A METHOD OF CONTROLLING PESTS**
[54] **GEL AQUEUX CONSOMMABLE UTILISABLE DANS LA LUTTE CONTRE LES NUISIBLES, DISPOSITIF DE LUTTE CONTRE LES NUISIBLES COMPRENANT UN GEL AQUEUX ET UTILISATION D'UN GEL AQUEUX DANS UN DISPOSITIF DE LUTTE CONTRE LES NUISIBLES ET DANS UN PROCEDE DE LUTTE CONTRE LES NUISIBLES**
[72] BAJOMI, DANIEL, HU
[72] DARU, JANOS, HU
[72] FEKETE, LAJOS, HU
[72] HALASI, ATTILA, HU
[72] POZSAR, VINCE, HU
[72] SCHMIDT, JOZSEF, HU
[72] SZILAGYI, JANOS, HU
[72] TAKACS, LAZLO, HU
[72] TOMCSIK, JOZSEF, HU
[73] BABOLNA BIO LTD, HU
[73] BAJOMI, DANIEL, ZZ
[73] DARU, JANOS, ZZ
[73] FEKETE, LAJOS, ZZ
[73] HALASI, ATTILA, ZZ
[73] POZSAR, VINCE, ZZ
[73] SCHMIDT, JOZSEF, ZZ
[73] SZILAGYI, JANOS, ZZ
[73] TAKACS, LAZLO, ZZ
[73] TOMCSIK, JOZSEF, ZZ
[85] 2014-06-16
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[25] EN
[54] **MULTI-LAYER FORMS AND METHODS OF MANUFACTURING THE SAME**
[54] **FORMES A COUCHES MULTIPLES ET LEURS PROCEDES DE FABRICATION**
[72] JOHNSON, JOSHUA, US
[72] BAETEN, LYNN, US
[72] WOOD, ERIC M., US
[72] PULLEY, KEVIN, US
[73] JOHNSON, JOSHUA, ZZ
[73] BAETEN, LYNN, ZZ
[73] WOOD, ERIC M., ZZ
[73] PULLEY, KEVIN, ZZ
[73] R. R. DONNELLEY & SONS COMPANY, US
[86] (2861365)
[87] (2861365)
[22] 2014-08-29
[30] US (14/025,570) 2013-09-12

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[13] A1
[51] **Int.Cl. G06F 17/10 (2006.01) G06F 17/18 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING FACIES MODEL REALIZATIONS**
[54] **SYSTEMES ET PROCEDES POUR LA SELECTION DE REALISATIONS DE MODELE DE FACIES**
[72] YARUS, JEFFREY, US
[72] MAUCEC, MARKO, US
[72] CHAMBERS, RICHARD, US
[72] SHI, GENBAO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] YARUS, JEFFREY, ZZ
[73] MAUCEC, MARKO, ZZ
[73] CHAMBERS, RICHARD, ZZ
[73] SHI, GENBAO, ZZ
[85] 2014-07-17
[86] 2012-02-10 (PCT/US2012/024651)
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[13] A1
[51] **Int.Cl. H02J 3/01 (2006.01) F03D 9/25 (2016.01) H02J 3/38 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **WIND FARM HARMONIC PREDICTOR, AND METHOD THEREFOR**
[54] **PREDICTEUR D'OSCILLATIONS HARMONIQUES POUR PARC D'EOLIENNES ET PROCEDE CORRESPONDANT**
[72] LETAS, HEINZ-HERMANN, DE
[73] SENVION SE, DE
[73] LETAS, HEINZ-HERMANN, ZZ
[85] 2014-07-18
[86] 2013-01-24 (PCT/EP2013/051311)
[87] (WO2013/110691)
[30] US (61/590,100) 2012-01-24

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[51] **Int.Cl. C07D 211/46 (2006.01) A61K 31/4465 (2006.01) A61P 13/02 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **NOVEL ACETIC ACID ESTER COMPOUND OR SALT THEREOF**
[54] **NOUVEAU COMPOSE ESTER D'ACIDE ACETIQUE OU SEL DE CE COMPOSE**
[72] NANRI, MASATO, JP
[72] IWASAWA, YOSHIKAZU, JP
[72] SAKAKIBARA, FUKUMITSU, JP
[72] AOKI, SHINICHI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[73] NANRI, MASATO, ZZ
[73] IWASAWA, YOSHIKAZU, ZZ
[73] SAKAKIBARA, FUKUMITSU, ZZ
[73] AOKI, SHINICHI, ZZ
[85] 2014-07-28
[86] 2013-01-25 (PCT/JP2013/051533)
[87] (WO2013/115077)
[30] JP (2012-016685) 2012-01-30

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[13] A1
[51] **Int.Cl. F02K 3/06 (2006.01) F02C 7/00 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **FAN ROTOR BLADE OF AIRCRAFT JET ENGINE**
[54] **AILETTE DE ROTOR DE SOUFFLANTE D'UN MOTEUR A REACTION POUR AERONEF**
[72] YAGI, HIROYUKI, JP
[72] KUROKI, HIROSHI, JP
[72] OBUCHI, KENRO, JP
[73] IHI CORPORATION, JP
[73] YAGI, HIROYUKI, ZZ
[73] KUROKI, HIROSHI, ZZ
[73] OBUCHI, KENRO, ZZ
[85] 2014-07-28
[86] 2013-01-30 (PCT/JP2013/051968)
[87] (WO2013/115210)
[30] JP (2012-017133) 2012-01-30

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[51] **Int.Cl. F16F 15/03 (2006.01) B64C 1/00 (2006.01) B64C 1/26 (2006.01) F16F 6/00 (2006.01)**
[25] EN
[54] **MOTION-DAMPING SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **SYSTEMES D'AMORTISSEMENT DE MOUVEMENT ET PROCEDES LES COMPRENANT**
[72] HULL, JOHN RALPH, US
[72] STRASIK, MICHAEL, US
[72] MARTIG, THOMAS H., US
[73] THE BOEING COMPANY, US
[73] HULL, JOHN RALPH, ZZ
[73] STRASIK, MICHAEL, ZZ
[73] MARTIG, THOMAS H., ZZ
[86] (2864205)
[87] (2864205)
[22] 2014-09-18
[30] US (14/104,992) 2013-12-12

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[13] A1
[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/00 (2006.01) B23B 27/04 (2006.01) B23B 29/02 (2006.01)**
[25] EN
[54] **LEFT-HANDED AND RIGHT-HANDED CUTTING TOOL**
[54] **OUTIL DE COUPE POUR COUPE A GAUCHE ET COUPE A DROITE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-08-12
[86] 2013-03-19 (PCT/IL2013/050258)
[87] (WO2013/153548)
[30] US (13/443,565) 2012-04-10

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[13] A1
[51] **Int.Cl. B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT THERFOR**
[54] **OUTIL DE COUPE ET INSERT DE COUPE CORRESPONDANT**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-08-22
[86] 2013-02-07 (PCT/IL2013/050118)
[87] (WO2013/132479)
[30] US (13/413, 387) 2012-03-06

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[51] **Int.Cl. B61D 49/00 (2006.01)**
[25] EN
[54] **SPRING-STYLE AIR BRAKE HOSE SUPPORT**
[54] **SUPPORT DE TUYAU SOUPLE D'ACCOUPLEMENT DE FREIN A AIR DE TYPE A RESSORT**
[72] MAKI, BRIAN G., US
[73] IRECO, LLC, US
[73] MAKI, BRIAN G., ZZ
[86] (2865732)
[87] (2865732)
[22] 2014-09-30
[30] US (14/102,049) 2013-12-10

[11] **2,866,029**
[13] A1
[51] **Int.Cl. D03D 15/00 (2006.01)**
[25] EN
[54] **HYBRID THREE-DIMENSIONAL WOVEN/LAMINATED STRUTS FOR COMPOSITE STRUCTURAL APPLICATIONS**
[54] **ENTRETOISES TRIDIMENSIONNELLES HYBRIDES TISSEES OU STRATIFIEES POUR ELEMENTS STRUCTURELS COMPOSITES**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[73] GOERING, JONATHAN, ZZ
[86] (2866029)
[87] (2866029)
[22] 2006-11-02
[62] 2,629,546
[30] US (11/281,063) 2005-11-17

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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **BRA WITH TWO LAYERS OF SUPPORT**
[54] **SOUTIEN-GORGE OFFRANT DEUX COUCHES DE SOUTIEN**
[72] RANDALL, TRACEY, US
[72] MUHLENFELD, STEPHANIE KRISTIN, US
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[73] RANDALL, TRACEY, ZZ
[73] MUHLENFELD, STEPHANIE KRISTIN, ZZ
[86] (2866074)
[87] (2866074)
[22] 2014-10-06
[30] US (29/485,614) 2014-03-20
[30] US (29/485,615) 2014-03-20
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[13] A1
[51] **Int.Cl. G06T 11/80 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM FOR DIVIDING IMAGE DATA INTO A FOREGROUND AREA AND A BACKGROUND AREA**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, METHODE DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT LISIBLE A L'ORDINATEUR SERVANT A SEPARER LES DONNEES IMAGES EN ZONE D'AVANT-PLAN ET EN ZONE D'ARRIERE-PLAN**
[72] HIKIDA, SATOSHI, JP
[73] RICOH COMPANY, LTD., JP
[73] HIKIDA, SATOSHI, ZZ
[85] 2014-09-04
[86] 2013-03-11 (PCT/JP2013/057332)
[87] (WO2013/141144)
[30] JP (2012-062103) 2012-03-19

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[13] A1
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01)**
[25] EN
[54] **FENDER WELL FAIRING**
[54] **CARENAGE D'AILE**
[72] SMITH, JEFFREY P., US
[73] PACCAR INC, US
[73] SMITH, JEFFREY P., ZZ
[86] (2866555)
[87] (2866555)
[22] 2014-10-01
[30] US (14/500,151) 2014-09-29

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[13] A1
[51] **Int.Cl. H04L 12/947 (2013.01)**
[25] EN
[54] **LAYER 2 ADAPTER SELECTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR SELECTIONNER UN ADAPTATEUR DE COUCHE 2**
[72] WANG, JINLIN, CN
[72] WANG, LINGFANG, CN
[72] YOU, JIALI, CN
[72] DENG, FENG, CN
[73] INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES, CN
[73] BEIJING INTELLIX TECHNOLOGY COMPANY LIMITED, CN
[73] WANG, JINLIN, ZZ
[73] WANG, LINGFANG, ZZ
[73] YOU, JIALI, ZZ
[73] DENG, FENG, ZZ
[85] 2014-09-08
[86] 2012-12-28 (PCT/CN2012/087895)
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[30] CN (201210544561.9) 2012-12-14

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[13] A1
[51] **Int.Cl. C08K 5/10 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **BIOBASED PLASTICIZER AND SURFACE COVERING EMPLOYING SAME**
[54] **PLASTIFIANT D'ORIGINE BIOLOGIQUE ET REVETEMENT DE SURFACE UTILISANT CELUI-CI**
[72] DAVIES, MARY KATE, US
[72] TIAN, DONG, US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[73] DAVIES, MARY KATE, ZZ
[73] TIAN, DONG, ZZ
[85] 2014-09-05
[86] 2013-03-19 (PCT/US2013/033027)
[87] (WO2013/142534)
[30] US (13/423,358) 2012-03-19

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[13] A1
[51] **Int.Cl. H01R 39/24 (2006.01)**
[25] EN
[54] **IMPROVED FIBER-ON-TIP CONTACT DESIGN BRUSH ASSEMBLIES**
[54] **ENSEMBLES DE BROSSE AMELIORES DE CONCEPTION A CONTACT FIBRE-SUR-POINTE**
[72] LEWIS, NORRIS E., US
[72] PERDUE, JERRY T., US
[73] MOOG INC., US
[73] LEWIS, NORRIS E., ZZ
[73] PERDUE, JERRY T., ZZ
[85] 2014-09-09
[86] 2012-03-13 (PCT/US2012/000137)
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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **GARMENT THAT CLINGS TO A WEARER'S SKIN AND METHOD OF MANUFACTURE THEREOF**
[54] **VETEMENT COLLANT A LA PEAU DE LA PERSONNE QUI LE PORTE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] MARTINET, NATHALIE, HK
[72] VANSIA, MAYUR, US
[72] YIP, SUET HING, HK
[73] MARTINET, NATHALIE, ZZ
[73] VANSIA, MAYUR, ZZ
[73] YIP, SUET HING, ZZ
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[86] (2867050)
[87] (2867050)
[22] 2014-10-08
[30] US (61/892,678) 2013-10-18
[30] US (14/505,895) 2014-10-03

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[13] A1
[51] **Int.Cl. F16K 1/38 (2006.01) H01M 8/04089 (2016.01) F16K 17/30 (2006.01) F16K 47/02 (2006.01) F16K 47/04 (2006.01)**
[25] EN
[54] **POPPET VALVE**
[54] **SOUPAPE A CHAMPIGNON**
[72] NAKAMURA, YOSHINARI, JP
[72] NAGATA, KIYOKAZU, JP
[72] KAGAWA, TOSHIHARU, JP
[72] YOUN, CHONGHO, JP
[73] TOKYO INSTITUTE OF TECHNOLOGY, JP
[73] NAKAMURA, YOSHINARI, ZZ
[73] NAGATA, KIYOKAZU, ZZ
[73] KAGAWA, TOSHIHARU, ZZ
[73] YOUN, CHONGHO, ZZ
[73] KYB CORPORATION, JP
[85] 2014-09-11
[86] 2013-03-15 (PCT/JP2013/057546)
[87] (WO2013/137467)
[30] JP (2012-059446) 2012-03-15

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[51] **Int.Cl. C08H 7/00 (2011.01) B27N 3/00 (2006.01) C08G 8/20 (2006.01) C08L 97/00 (2006.01) C08L 97/02 (2006.01) C09J 161/12 (2006.01) C09J 197/00 (2006.01)**
[25] EN
[54] **USE OF LOW MOLECULAR WEIGHT LIGNIN TOGETHER WITH LIGNIN FOR THE PRODUCTION OF A PHENOL-FORMALDEHYDE BINDER COMPOSITION**
[54] **UTILISATION DE LIGNINE A FAIBLE POIDS MOLECULAIRE AVEC DE LA LIGNINE POUR PRODUIRE UNE COMPOSITION DE LIANT DE PHENOL-FORMALDEHYDE**
[72] VALKONEN, SANNA, FI
[72] PIETARINEN, SUVI, FI
[72] RINGENA, OKKO, DE
[72] ESKELINEN, KATI, FI
[73] UPM-KYMMENE CORPORATION, FI
[73] VALKONEN, SANNA, ZZ
[73] PIETARINEN, SUVI, ZZ
[73] RINGENA, OKKO, ZZ
[73] ESKELINEN, KATI, ZZ
[85] 2014-09-19
[86] 2013-03-28 (PCT/FI2013/050352)
[87] (WO2013/144453)
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[13] A1
[51] **Int.Cl. G21G 4/02 (2006.01) G21K 7/00 (2006.01)**
[25] EN
[54] **NEUTRON GENERATING SOURCE**
[54] **SOURCE DE NEUTRONS**
[72] YOO, SUK JAE, KR
[72] KIM, SEONG BONG, KR
[72] YOON, JUNG-SIK, KR
[73] KOREA BASIC SCIENCE INSTITUTE, KR
[73] YOO, SUK JAE, ZZ
[73] KIM, SEONG BONG, ZZ
[73] YOON, JUNG-SIK, ZZ
[85] 2014-09-23
[86] 2013-04-01 (PCT/KR2013/002667)
[87] (WO2013/151284)
[30] KR (10-2012-0033751) 2012-04-02

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[51] **Int.Cl. C07K 14/325 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) A23D 9/00 (2006.01) C07K 14/32 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PROTEINS TOXIC TO HEMIPTERAN INSECT SPECIES**
[54] **PROTEINES TOXIQUES POUR DES ESPECES D'INSECTES HEMIPTERES**
[72] BAUM, JAMES A., US
[72] EVDOKIMOV, ARTEM G., US
[72] MOSHIRI, FARHAD, US
[72] RYDEL, TIMOTHY J., US
[72] STURMAN, ERIC J., US
[72] VON RECHENBERG, MORITZ, US
[72] VU, HALONG, US
[72] WOLLACOTT, ANDREW M., US
[72] ZHENG, MEIYING, US
[73] MONSANTO TECHNOLOGY LLC, US
[73] BAUM, JAMES A., ZZ
[73] EVDOKIMOV, ARTEM G., ZZ
[73] MOSHIRI, FARHAD, ZZ
[73] RYDEL, TIMOTHY J., ZZ
[73] STURMAN, ERIC J., ZZ
[73] VON RECHENBERG, MORITZ, ZZ
[73] VU, HALONG, ZZ
[73] WOLLACOTT, ANDREW M., ZZ
[73] ZHENG, MEIYING, ZZ
[85] 2014-09-26
[86] 2013-04-05 (PCT/US2013/035388)
[87] (WO2013/152264)
[30] US (61/621,436) 2012-04-06

[11] **2,869,177**
[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01)**
[25] EN
[54] **BI-DIRECTIONALLY RAISABLE DRILLING RIG MAST**
[54] **MAT D'INSTALLATION DE FORAGE BIDIRECTIONNELLEMENT RELEVABLE**
[72] DONNALLY, ROBERT BENJAMIN, CN
[72] REN, CHUNQIAO, CN
[72] LIU, XILIN, CN
[73] NATIONAL OILWELL VARCO, L.P., US
[73] DONNALLY, ROBERT BENJAMIN, ZZ
[73] REN, CHUNQIAO, ZZ
[73] LIU, XILIN, ZZ
[85] 2014-09-30
[86] 2013-04-24 (PCT/US2013/037906)
[87] (WO2013/163252)
[30] US (61/637,677) 2012-04-24
[30] US (13/868,696) 2013-04-23

[11] **2,869,405**
[13] A1
[51] **Int.Cl. F25D 29/00 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED DISPLAY CABINET, IN PARTICULAR A FREEZER ISLAND, COMPRISING A DOOR**
[54] **MEUBLE PRESENTOIR A TEMPERATURE REGULEE, EN PARTICULIER UN ILOT DE CONGELATION, COMPORTANT UNE PORTE**
[72] HEINAVAARA, KIMMO, FI
[72] MYKKANEN, MIKKO, FI
[73] NORPE OY, FI
[73] HEINAVAARA, KIMMO, ZZ
[73] MYKKANEN, MIKKO, ZZ
[86] (2869405)
[87] (2869405)
[22] 2014-10-31
[30] FI (20136075) 2013-11-01
[30] FI (20145294) 2014-03-28

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[13] A1
[51] **Int.Cl. A61K 47/24 (2006.01) A61K 9/127 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **VEHICLES FOR CONTROLLED DELIVERY OF DIFFERENT PHARMACEUTICAL AGENTS**
[54] **VEHICULES POUR L'ADMINISTRATION CONTROLEE DE DIFFERENTS AGENTS PHARMACEUTIQUES**
[72] FAHMY, TAREK M., US
[72] STERN, ERIC, US
[72] FLAVELL, RICHARD A., US
[72] PARK, JASON, US
[72] SIEFERT, ALYSSA, US
[72] WRZESINSKI, STEPHEN H., US
[73] YALE UNIVERSITY, US
[73] FAHMY, TAREK M., ZZ
[73] STERN, ERIC, ZZ
[73] FLAVELL, RICHARD A., ZZ
[73] PARK, JASON, ZZ
[73] SIEFERT, ALYSSA, ZZ
[73] WRZESINSKI, STEPHEN H., ZZ
[85] 2014-10-03
[86] 2013-04-12 (PCT/US2013/036487)
[87] (WO2013/155487)
[30] US (61/623,486) 2012-04-12
[30] US (61/747,624) 2012-12-31
[30] US (61/747,614) 2012-12-31

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[13] A1
[51] **Int.Cl. A61K 31/045 (2006.01) A61K 9/00 (2006.01) A61K 31/7004 (2006.01) A61K 36/28 (2006.01) A61K 36/53 (2006.01) A61P 11/12 (2006.01)**
[25] EN
[54] **XYLITOL-BASED ANTI-MUCOSAL COMPOSITIONS AND RELATED METHODS AND COMPOSITIONS**
[54] **COMPOSITIONS ANTI-MUQUEUSES A BASE DE XYLITOL, PROCEDES AFFERENTS ET COMPOSITIONS AFFERENTES**
[72] JONES, ALONZO H., US
[72] JONES, NATHAN, US
[73] XLEAR, INC., US
[73] JONES, ALONZO H., ZZ
[73] JONES, NATHAN, ZZ
[85] 2014-10-09
[86] 2013-05-28 (PCT/US2013/042925)
[87] (WO2013/177594)
[30] US (61/651,741) 2012-05-25

[11] **2,870,682**
[13] A1
[51] **Int.Cl. B05D 3/12 (2006.01) B24C 3/00 (2006.01) C23C 24/04 (2006.01)**
[25] EN
[54] **INTEGRATED FLUIDJET SYSTEM FOR STRIPPING, PREPPING AND COATING A PART**
[54] **SYSTEME DE JET FLUIDE INTEGRE POUR DECAPER, PREPARER ET ENDUIRE UNE PIECE**
[72] VIJAY, MOHAN M., CA
[72] XU, MEISHENG M., CA
[72] PANARELLA, EMILIO, CA
[72] YAN, WENZHUO, CA
[72] TIEU, ANDREW HUNG, CA
[72] DANIELS, BRUCE R., CA
[73] VLN ADVANCED TECHNOLOGIES INC., CA
[73] VIJAY, MOHAN M., CA
[73] XU, MEISHENG M., CA
[73] PANARELLA, EMILIO, CA
[73] YAN, WENZHUO, CA
[73] TIEU, ANDREW HUNG, CA
[73] DANIELS, BRUCE R., CA
[86] (2870682)
[87] (2870682)
[22] 2014-11-10
[30] US (61/901,676) 2013-11-08

[11] **2,870,855**
[13] A1
[51] **Int.Cl. B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING TOOL HOLDER HAVING LEVER PIN**
[54] **OUTIL DE COUPE ET SUPPORT D'OUTIL DE COUPE COMPORTANT UNE TIGE DE LEVIER**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-10-17
[86] 2013-03-19 (PCT/IL2013/050256)
[87] (WO2013/156991)
[30] US (13/450,691) 2012-04-19

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[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01) A61K 47/36 (2006.01) B01J 13/04 (2006.01) C08J 3/075 (2006.01) C08J 3/20 (2006.01) C08J 5/18 (2006.01) C08L 3/02 (2006.01) C08L 5/00 (2006.01)**
[25] EN
[54] **COMPOUNDING AND EXTRUDING METHOD FOR PRODUCING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PRODUCTION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[73] SHUAI, FANGWEN, ZZ
[73] ZHANG, NUOZI, ZZ
[73] WANG, XIANGFENG, ZZ
[73] ZHANG, JIAWEI, ZZ
[73] HUNAN ER-KANG PHARMACEUTICAL CO., LTD., CN
[86] (2872049)
[87] (2872049)
[22] 2014-11-25

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[13] A1
[51] **Int.Cl. B29C 47/06 (2006.01) A61J 3/07 (2006.01)**
[25] EN
[54] **MIXING AND EXTRUDING METHOD FOR PREPARING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PREPARATION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[73] SHUAI, FANGWEN, ZZ
[73] ZHANG, NUOZI, ZZ
[73] WANG, XIANGFENG, ZZ
[73] ZHANG, JIAWEI, ZZ
[73] HUNAN ER-KANG PHARMACEUTICAL CO., LTD., CN
[86] (2872050)
[87] (2872050)
[22] 2014-11-25

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01) D21H 15/06 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES AND METHODS FOR MAKING SAME**
[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE FABRICATION**
[72] BARNHOLTZ, STEVEN LEE, US
[72] SUER, MICHAEL DONALD, US
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] TROKHAN, PAUL DENNIS, US
[72] SCHMIDT, MATTIAS, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] BARNHOLTZ, STEVEN LEE, ZZ
[73] SUER, MICHAEL DONALD, ZZ
[73] YOUNG, CHRISTOPHER MICHAEL, ZZ
[73] TROKHAN, PAUL DENNIS, ZZ
[73] SCHMIDT, MATTIAS, ZZ
[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040111)
[87] (WO2013/169885)
[30] US (61/644,091) 2012-05-08

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[51] **Int.Cl. C12P 1/00 (2006.01) A61L 2/02 (2006.01) B01F 11/02 (2006.01) B01J 19/10 (2006.01) C02F 1/34 (2006.01) C08G 63/78 (2006.01) C10L 1/08 (2006.01) C11C 3/00 (2006.01) C12M 1/42 (2006.01) C12N 13/00 (2006.01) C12P 7/64 (2006.01) C07C 67/02 (2006.01)**
[25] EN
[54] **CAVITATION GENERATION MECHANISMS AND THEIR USE IN FERMENTATION AND WASTEWATER AND SAND CLEANING PROCESSES**
[54] **MECANISMES DE GENERATION DE CAVITATION ET LEUR UTILISATION DANS LA FERMENTATION ET LES PROCEDES DE NETTOYAGE DES EAUX USEES ET DU SABLE**
[72] ACKERMANN, HEIKO, DE
[72] HEPTING, EMIL, DE
[73] ABS APPARATE, BEHALTER- UND SONDERANLAGENBAU GMBH, DE
[73] ACKERMANN, HEIKO, ZZ
[73] HEPTING, EMIL, ZZ
[86] (2873330)
[87] (2873330)
[22] 2014-12-04
[30] US (14/102,279) 2013-12-10

[11] **2,873,390**
[13] A1
[51] **Int.Cl. C07F 7/30 (2006.01) A61K 31/28 (2006.01) A61P 31/22 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMPLEX COMPOUNDS OF GERMANIUM, METHODS FOR PRODUCING SAME, AND DRUGS**
[54] **COMPOSES COMPLEXES DE GERMANIUM, PROCEDES DE LEUR PRODUCTION ET MEDICAMENTS**
[72] ISAEV, ALEXANDR DMITRIEVICH, RU
[72] AMBROSOV, IGOR VALERIEVICH, RU
[72] MANASHEROV, TAMAZ OMAROVICH, RU
[72] MATELO, SVETLANA KONSTANTINOVNA, RU
[73] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "WDS FARMA", RU
[73] ISAEV, ALEXANDR DMITRIEVICH, ZZ
[73] AMBROSOV, IGOR VALERIEVICH, ZZ
[73] MANASHEROV, TAMAZ OMAROVICH, ZZ
[73] MATELO, SVETLANA KONSTANTINOVNA, ZZ
[85] 2014-11-12
[86] 2012-11-01 (PCT/RU2012/000897)
[87] (WO2013/172732)
[30] RU (2012120329) 2012-05-16

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[13] A1
[51] **Int.Cl. B03B 5/26 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **VORTEX-INDUCING SLUICE BOX**
[54] **SLUICE INDUISANT UN TOURBILLON**
[72] BOWLBY, KIMBERLY, CA
[73] HINES, DAVID, CA
[73] BOWLBY, KIMBERLY, CA
[86] (2873528)
[87] (2873528)
[22] 2014-12-04

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[13] A1
[51] **Int.Cl. B01F 5/04 (2006.01) B01F 3/08 (2006.01) B01F 5/06 (2006.01) B01F 3/10 (2006.01)**
[25] EN
[54] **STATIC MIXER**
[54] **MELANGEUR STATIQUE**
[72] JANZ, ERIC EDWARD ANTONIO, US
[73] CHEMINEER, INC., US
[73] JANZ, ERIC EDWARD ANTONIO, ZZ
[85] 2014-11-20
[86] 2013-06-14 (PCT/US2013/045770)
[87] (WO2013/188726)
[30] US (61/660,196) 2012-06-15

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[13] A1
[51] **Int.Cl. G01J 5/20 (2006.01)**
[25] EN
[54] **UNCOOLED MICROBOLOMETER PIXEL AND ARRAY FOR CONFIGURABLE BROADBAND AND MULTI-FREQUENCY TERAHERTZ DETECTION**
[54] **PIXEL DE MICROBOLOMETRIE NON REFROIDI ET RESEAU POUR LA DETECTION D'UNE LARGE BANDE CONFIGURABLE ET D'UN TERAHERTZ MULTIFREQUENCES**
[72] OULACHGAR, HASSANE, CA
[72] ALAIN, CHRISTINE, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[73] OULACHGAR, HASSANE, CA
[73] ALAIN, CHRISTINE, CA
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[54] **COMPOSITIONS DE TETRAFLUOROPROPENE ET D'HYDROCARBURES**
[72] KNOPECK, GARY M., US
[72] COOK, KANE D., US
[72] SINGH, RAJIV R., US
[72] PHAM, HANG T., US
[73] HONEYWELL INTERNATIONAL INC., US
[73] KNOPECK, GARY M., ZZ
[73] COOK, KANE D., ZZ
[73] SINGH, RAJIV R., ZZ
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[54] **METHODS AND FEED COMPOSITIONS FOR MASKING OF FISH SEMIOCHEMICALS**
[54] **PROCEDES ET COMPOSITIONS D'ALIMENTS POUR MASQUER DES PRODUITS SEMIOCHIMQIUES POUR POISSONS**
[72] WADSWORTH, SIMON, NO
[72] PINO, JORGE, CL
[72] MORDUE, JENNY, GB
[72] VECINO, JOSE LUIS GONZALEZ, NO
[73] WADSWORTH, SIMON, ZZ
[73] PINO, JORGE, ZZ
[73] MORDUE, JENNY, ZZ
[73] VECINO, JOSE LUIS GONZALEZ, ZZ
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[25] EN
[54] **DRINKING FOUNTAIN FLOW CONTROL**
[54] **COMMANDE DE DEBIT DE FONTAINE D'EAU POTABLE**
[72] SMITH, DAVID, CA
[73] SMITH, DAVID, CA
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[54] **MICROSEISMIC MONITORING WITH FIBER-OPTIC NOISE MAPPING**
[54] **CONTROLE MICROSISMIQUE AVEC CARTOGRAPHIE DE BRUIT SUR FIBRES OPTIQUES**
[72] PETRELLA, ALLAN, CA
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[73] PETRELLA, ALLAN, CA
[73] ANDREYCHUK, MARK, CA
[73] ANGMAN, PER, CA
[73] KOBOLD CORPORATION, CA
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[54] **TACHOMETER FOR DOWNHOLE DRILLING MOTOR**
[54] **COMPTE-TOURS POUR MOTEUR DE FORAGE DE FOND**
[72] TEODORESCU, SORIN GABRIEL, US
[72] BIRSE, SCOTT D., GB
[72] ODELL, ALBERT C., II, US
[73] TEODORESCU, SORIN GABRIEL, ZZ
[73] BIRSE, SCOTT D., ZZ
[73] ODELL, ALBERT C., II, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PROCESS FOR PREDICTING THE STABILITY OF CRUDE OIL AND EMPLOYING SAME IN TRANSPORTING AND/OR REFINING THE CRUDE OIL**
[54] **PROCEDE POUR PREDIRE LA STABILITE DU PETROLE BRUT ET SON UTILISATION DANS LE TRANSPORT ET/OU LE RAFFINAGE DU PETROLE BRUT**
[72] RESPINI, MARCO, IT
[72] DELLA SALLA, GIUSEPPE, GB
[72] MEDINE, GAVIN M., GB
[72] SANDU, CORINA L., US
[72] PINNAPU, SAI REDDY, US
[73] BAKER HUGHES INCORPORATED, US
[73] RESPINI, MARCO, ZZ
[73] DELLA SALLA, GIUSEPPE, ZZ
[73] MEDINE, GAVIN M., ZZ
[73] SANDU, CORINA L., ZZ
[73] PINNAPU, SAI REDDY, ZZ
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[54] **SYSTEM AND METHOD FOR FUEL CELL DEGRADATION MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION DE LA DEGRADATION DE PILE A COMBUSTIBLE**
[72] LIU, SHENGYI, US
[72] GAO, LIJUN, US
[72] BREIT, JOSEPH S., US
[73] THE BOEING COMPANY, US
[73] LIU, SHENGYI, ZZ
[73] GAO, LIJUN, ZZ
[73] BREIT, JOSEPH S., ZZ
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[54] **PRESSURE ACTIVATED DOWN HOLE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FOND DE TROU ACTIONNES PAR PRESSION**
[72] ACOSTA, FRANK, US
[72] BUDLER, NICHOLAS F., US
[72] SZARKA, DAVID D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ACOSTA, FRANK, ZZ
[73] BUDLER, NICHOLAS F., ZZ
[73] SZARKA, DAVID D., ZZ
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[54] **COMPOSITE SUBSTRATE FOR LAYERED HEATERS**
[54] **SUBSTRAT COMPOSITE POUR DISPOSITIFS DE CHAUFFAGE STRATIFIES**
[72] LINDLEY, JACOB R., US
[72] MEYER, DEAN J., US
[72] GLEW, ALEXANDER D., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[73] LINDLEY, JACOB R., ZZ
[73] MEYER, DEAN J., ZZ
[73] GLEW, ALEXANDER D., ZZ
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[25] EN
[54] **SYSTEM AND METHOD FOR VERIFYING A FINANCIAL INSTRUMENT**
[54] **SYSTEME ET PROCEDE DE VERIFICATION D'UN INSTRUMENT FINANCIER**
[72] TEMPLETON, JAMES, US
[72] BHARGAVA, SANJAY, US
[73] PAYPAL, INC., US
[73] TEMPLETON, JAMES, ZZ
[73] BHARGAVA, SANJAY, ZZ
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[25] EN
[54] **POROUS ELECTRODE SUBSTRATE, METHOD FOR MANUFACTURING SAME, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL**
[54] **SUBSTRAT D'ELECTRODE POREUX, PROCEDE DE FABRICATION DE CELUI-CI, ENSEMBLE MEMBRANE-ELECTRODE, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] SUMIOKA, KAZUHIRO, JP
[73] SUMIOKA, KAZUHIRO, ZZ
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2015-01-12
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[54] **REFRACTORY COOKING DEVICES**
[54] **DISPOSITIFS DE CUISSON REFRACTAIRES**
[72] CASE, TIMOTHY M., US
[73] CASE, TIMOTHY M., US
[85] 2015-01-14
[86] 2013-07-12 (PCT/US2013/050350)
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[54] **BOUNDARY LAYER FLOW SENSOR**
[54] **DETECTEUR DE FLUX DE COUCHE LIMITE**
[72] CROUCH, JEFFREY D., US
[73] THE BOEING COMPANY, US
[73] CROUCH, JEFFREY D., ZZ
[86] (2879842)
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[54] **CUTTING TOOL AND CUTTING INSERT WITH A STOPPER SURFACE**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE AYANT UNE SURFACE D'ARRET**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2015-01-26
[86] 2013-06-25 (PCT/IL2013/050536)
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[25] EN
[54] **ULTRASONIC SEALING OF PACKAGES**
[54] **SCELLEMENT HERMETIQUE D'EMBALLAGE AUX ULTRASONS**
[72] CHAM, PAK MENG, US
[72] JORDAN, GLENN T., IV, US
[72] KOZMAN, AUSTIN, US
[72] FLOWERS, SEAN, US
[72] SHORT, MATTHEW, US
[73] CHAM, PAK MENG, ZZ
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[73] KOZMAN, AUSTIN, ZZ
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[73] EWI, INC., US
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[25] EN
[54] **MULTILAYER PLASTIC FILM WITH SEPARABLE LAYERS FOR COVERING OF INFLATED GREENHOUSE**
[54] **FILM DE MATIERE PLASTIQUE MULTI-COUCHES COMPRENANT DES COUCHES SEPARABLES POUR LA COUVERTURE D'UNE SERRE GONFLEE**
[72] LEMPIDAKIS, IOANNIS, GR
[72] LEMPIDAKIS, EMMANOUIL, GR
[72] LEMPIDAKIS, MICHAIL, GR
[72] MELAS, IOANNIS, GR
[72] VERTOUDAKIS, KONSTANTINOS, GR
[73] PLASTIKA KRITIS S.A., GR
[73] LEMPIDAKIS, IOANNIS, ZZ
[73] LEMPIDAKIS, EMMANOUIL, ZZ
[73] LEMPIDAKIS, MICHAIL, ZZ
[73] MELAS, IOANNIS, ZZ
[73] VERTOUDAKIS, KONSTANTINOS, ZZ
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[54] **REACTIVE OXIDATIVE SPECIES GENERATING MATERIALS AND METHODS OF USE**
[54] **MATERIAUX GENERANT DES ESPECES OXYDATIVES REACTIVES ET LEURS PROCEDES D'UTILISATION**
[72] BROWN, TIFFANY J., US
[72] LAFLEUR, ADAM S., US
[72] MAZICH, KENNETH, US
[72] TOWLER, JEFFREY C., US
[72] ZHANG, JI, US
[73] W.L. GORE & ASSOCIATES, INC., US
[73] BROWN, TIFFANY J., ZZ
[73] LAFLEUR, ADAM S., ZZ
[73] MAZICH, KENNETH, ZZ
[73] TOWLER, JEFFREY C., ZZ
[73] ZHANG, JI, ZZ
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[86] 2013-08-30 (PCT/US2013/057437)
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[54] **SEAL ASSEMBLY FOR A STATIC STRUCTURE OF A GAS TURBINE ENGINE**
[54] **ENSEMBLE JOINT POUR UNE STRUCTURE STATIQUE D'UN MOTEUR A TURBINE A GAZ**
[72] SZYMANSKI, GRACE E., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[73] SZYMANSKI, GRACE E., ZZ
[85] 2015-02-11
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[25] EN
[54] **METHOD OF IMPROVING SURFACE CURE IN DIGITAL FLEXOGRAPHIC PRINTING PLATES**
[54] **PROCEDE D'AMELIORATION DE DURCISSEMENT SUPERFICIEL SUR DES PLAQUES D'IMPRESSION DE FLEXOGRAPHIE NUMERIQUE**
[72] CHOI, JONGHAN, US
[72] O'BRATE, KERRY, US
[73] CHOI, JONGHAN, ZZ
[73] O'BRATE, KERRY, ZZ
[73] MACDERMID GRAPHICS SOLUTIONS, LLC, US
[85] 2015-02-11
[86] 2013-08-06 (PCT/US2013/053746)
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[25] EN
[54] **WIND-DRIVEN GENERATOR AND IMPELLER LOCKING DEVICE FOR WIND-DRIVEN GENERATOR**
[54] **GENERATEUR EOLIEN ET DISPOSITIF DE BLOCAGE DE ROUE POUR GENERATEUR EOLIEN**
[72] SU, ZHENNIAN, CN
[73] BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD., CN
[73] SU, ZHENNIAN, ZZ
[85] 2015-02-13
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[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **INTEGRATION OF A ROBOTIC SYSTEM WITH ONE OR MORE MOBILE COMPUTING DEVICES**
[54] **INTEGRATION D'UN OU DE PLUSIEURS DISPOSITIFS INFORMATIQUES MOBILES DANS UN SYSTEME ROBOTIQUE**
[72] SOFMAN, BORIS, US
[72] TAPPEINER, HANS, US
[72] PALATUCCI, MARK MATTHEW, US
[72] DENEALE, PATRICK LEE, US
[73] ANKI, INC., US
[73] SOFMAN, BORIS, ZZ
[73] TAPPEINER, HANS, ZZ
[73] PALATUCCI, MARK MATTHEW, ZZ
[73] DENEALE, PATRICK LEE, ZZ
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[54] **APPARATUS AND METHOD FOR BIOLOGICAL SAMPLE PROCESSING**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'ECHANTILLONS BIOLOGIQUES**
[72] LEMME, CHARLES D., US
[72] RICHARDS, WILLIAM, US
[72] WARD, GLEN, US
[72] ASHBY, AUSTIN, US
[72] GHUSSON, ANDREW, US
[72] JENSEN-LONG, LISA, US
[72] KNAPP, KEVIN, US
[72] KUGIZAKI, RODNEY, US
[72] LARSON, ALAIN, US
[72] RICHARDS, PAUL, US
[72] SHOWALTER, WAYNE, US
[72] WILKINSON, CHAD, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[73] LEMME, CHARLES D., ZZ
[73] RICHARDS, WILLIAM, ZZ
[73] WARD, GLEN, ZZ
[73] ASHBY, AUSTIN, ZZ
[73] GHUSSON, ANDREW, ZZ
[73] JENSEN-LONG, LISA, ZZ
[73] KNAPP, KEVIN, ZZ
[73] KUGIZAKI, RODNEY, ZZ
[73] LARSON, ALAIN, ZZ
[73] RICHARDS, PAUL, ZZ
[73] SHOWALTER, WAYNE, ZZ
[73] WILKINSON, CHAD, ZZ
[86] (2882508)
[87] (2882508)
[22] 2008-07-03
[62] 2,692,066
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[25] EN
[54] **AEROSOL ANTIPERSPIRANT COMPOSITIONS, PRODUCTS AND METHODS**
[54] **COMPOSITIONS ANTITRANSPIRATION EN AEROSOLS, PRODUITS ET PROCEDES CORRESPONDANTS**
[72] SWAILE, DAVID FREDERICK, US
[72] PASSI, RAJEEV KUMAR, US
[72] ZOLLER, ANN CHRISTINE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] SWAILE, DAVID FREDERICK, ZZ
[73] PASSI, RAJEEV KUMAR, ZZ
[73] ZOLLER, ANN CHRISTINE, ZZ
[85] 2015-02-23
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[25] EN
[54] **CHAIN GUIDE STRUCTURE FOR CHAIN DRIVE TYPE TRANSMISSION MECHANISM**
[54] **STRUCTURE DE GUIDE-CHAINE POUR UN MECANISME DE TRANSMISSION DE TYPE A ENTRAINEMENT A CHAINE**
[72] NAKANO, KENICHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] NAKANO, KENICHI, ZZ
[86] (2883259)
[87] (2883259)
[22] 2015-02-25
[30] JP (2014-047064) 2014-03-11

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[51] **Int.Cl. B65B 55/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COORDINATION OF ASEPTIC STERILIZATION AND ASEPTIC PACKAGE FILLING RATE**
[54] **PROCEDES ET SYSTEMES DE COORDINATION DE LA STERILISATION ASEPTIQUE ET DE LA VITESSE DE REMPLISSAGE ASEPTIQUE DE CONDITIONNEMENTS**
[72] CUMMINGS, DANIEL LOUIS, US
[73] NESTEC S.A., CH
[73] CUMMINGS, DANIEL LOUIS, ZZ
[85] 2015-02-26
[86] 2013-09-20 (PCT/IB2013/058703)
[87] (WO2014/045238)
[30] US (61/704,709) 2012-09-24
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[51] **Int.Cl. F16L 41/12 (2006.01) F16B 7/08 (2006.01) F16L 41/06 (2006.01) F16L 47/30 (2006.01) F16L 47/34 (2006.01)**
[25] EN
[54] **EXTENDED RANGE TAPPING SLEEVE AND GASKET**
[54] **JOINT D'ETANCHEITE ET MANCHON DE COULEE A PORTEE ETENDUE**
[72] MINICH, RAYMOND C., US
[72] PIONTEK, DARYL M., US
[73] TOTAL PIPING SOLUTIONS, INC., US
[73] MINICH, RAYMOND C., ZZ
[73] PIONTEK, DARYL M., ZZ
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[51] **Int.Cl. G01N 21/95 (2006.01)**
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[54] **COMPOSITE INSPECTION AND STRUCTURAL CHECK OF MULTIPLE LAYERS**
[54] **INSPECTION DE COMPOSITE ET VERIFICATION STRUCTURELLE DE COUCHES MULTIPLES**
[72] DORRIS, STEVEN A., US
[72] AYYAGARI, ARUN, US
[72] VANCE, JONATHAN BLAKE, US
[72] CORMAN, DAVID E., US
[72] ENGELBART, ROGER W., US
[72] FREEMAN, PHILIP L., US
[72] FONDA, JAMES W., US
[73] DORRIS, STEVEN A., ZZ
[73] AYYAGARI, ARUN, ZZ
[73] VANCE, JONATHAN BLAKE, ZZ
[73] CORMAN, DAVID E., ZZ
[73] ENGELBART, ROGER W., ZZ
[73] FREEMAN, PHILIP L., ZZ
[73] FONDA, JAMES W., ZZ
[73] THE BOEING COMPANY, US
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[87] (2883726)
[22] 2015-02-26
[30] US (14/202,376) 2014-03-10

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[25] EN
[54] **IN-SITU UPGRADING AND RECOVERY OF HYDROCARBONS**
[54] **VALORISATION ET RECUPERATION D'HYDROCARBURE SUR PLACE**
[72] BUNIO, GARY, CA
[72] GATES, IAN, CA
[73] SUNCOR ENERGY INC., CA
[73] BUNIO, GARY, CA
[73] GATES, IAN, CA
[86] (2884849)
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[54] **APPARATUSES FOR USE WITH AN EXCAVATOR FOR SEPARATING LIQUIDS AND SOLIDS**
[54] **APPAREILS POUR UN EXCAVATEUR SERVANT A SEPARER LES LIQUIDES ET LES SOLIDES**
[72] SAGER, MATTHEW, CA
[73] STRAD ENERGY SERVICES LTD., CA
[86] (2885465)
[87] (2885465)
[22] 2015-03-18
[30] US (61/968,035) 2014-03-20
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[51] **Int.Cl. B65D 77/02 (2006.01) B65D 5/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **METHODS OF PROVIDING PACKAGES OF WET WIPES WITH IMPROVED WETNESS GRADIENTS, AND ASSOCIATED PRODUCT**
[54] **PROCEDES DE FOURNITURE DE PAQUETS DE LINGETTES HUMIDES AYANT DES GRADIENTS D'HUMIDITE AMELIORES ET PRODUIT ASSOCIE**
[72] HAILEY, KERRI CRAIN, US
[72] WHITE, JEFFREY STEVEN, US
[72] MINUTILLO, LUCA, IT
[72] SNIDER, LUKE ANTHONY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] HAILEY, KERRI CRAIN, ZZ
[73] WHITE, JEFFREY STEVEN, ZZ
[73] MINUTILLO, LUCA, ZZ
[73] SNIDER, LUKE ANTHONY, ZZ
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[54] **MANAGING INFERRED DATA**
[54] **GESTION DE DONNEES INFEREES**
[72] JOHNSON, DAVID CALVIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] JOHNSON, DAVID CALVIN, ZZ
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[25] EN
[54] **REMOTE WORK METHODS AND SYSTEMS USING NONLINEAR LIGHT CONVERSION**
[54] **PROCEDES ET SYSTEMES DE TRAVAIL A DISTANCE QUI UTILISENT UNE CONVERSION DE LUMIERE NON LINEAIRE**
[72] SAMSON, ETIENNE M., US
[72] MAIDA, JOHN L., US
[73] SAMSON, ETIENNE M., ZZ
[73] MAIDA, JOHN L., ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-20
[86] 2013-09-05 (PCT/US2013/058127)
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[25] EN
[54] **METHODS AND APPARATUS FOR ENABLING ENHANCEMENTS TO FLEXIBLE SUBFRAMES IN LTE HETEROGENEOUS NETWORKS**
[54] **PROCEDES ET APPAREIL POUR PERMETTRE DES AMELIORATIONS APPORTEES A DES SOUS-TRAMES FLEXIBLES DANS DES RESEAUX HETEROGENES LTE**
[72] SONG, YI, US
[72] BONTU, CHANDRA SEKHAR, CA
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[73] SONG, YI, ZZ
[73] BONTU, CHANDRA SEKHAR, CA
[73] CAI, ZHIJUN, ZZ
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[86] 2013-03-15 (PCT/US2013/032590)
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[54] **SLIP CONFIGURATION FOR DOWNHOLE TOOL**
[54] **CONFIGURATION D'ENVELOPPE POUR OUTIL DE FOND DE TROU**
[72] GOODMAN, BRANDON C., US
[72] SESSA, MICHAEL J., US
[73] GOODMAN, BRANDON C., ZZ
[73] SESSA, MICHAEL J., ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[86] (2886387)
[87] (2886387)
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[54] **POWER TONG INTERLOCK SYSTEM**
[54] **SYSTEME DE BLOCAGE DE CLE DE VISSAGE AUTOMATIQUE**
[72] THIBODEAUX, JARRED M., US
[72] WEBRE, CHARLES M., US
[72] COMEAUX, REESE M., US
[73] THIBODEAUX, JARRED M., ZZ
[73] WEBRE, CHARLES M., ZZ
[73] COMEAUX, REESE M., ZZ
[73] FRANK'S INTERNATIONAL, LLC, US
[86] (2886699)
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[25] EN
[54] **METHODS FOR SECURING DATA GENERATION VIA MULTI-PART GENERATION SEEDS**
[54] **METHODE POUR SECURISER LA PRODUCTION DE DONNEES PAR GRAINES DE PRODUCTION EN PLUSIEURS PARTIES**
[72] BENNETT, JOSEPH W., III, US
[72] AKINS, CHRISTOPHER GARNET, US
[72] GANTT, ASHLEY IVERY, US
[73] BENNETT, JOSEPH W., III, ZZ
[73] AKINS, CHRISTOPHER GARNET, ZZ
[73] GANTT, ASHLEY IVERY, ZZ
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
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[25] EN
[54] **COMBINATION UNIT DOSE DISPENSING CONTAINERS**
[54] **CONTENANTS COMBINES DE DISTRIBUTION-DOSE UNITAIRE**
[72] SULLIVAN, TIMOTHY R., US
[72] NELSON, JEFFREY, US
[73] MYSTIC PHARMACEUTICALS, INC., US
[73] SULLIVAN, TIMOTHY R., ZZ
[73] NELSON, JEFFREY, ZZ
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[25] EN
[54] **HYDROCARBYL SOLUBLE QUATERNARY AMMONIUM CARBOXYLATES AND FUEL COMPOSITIONS CONTAINING THEM**
[54] **CARBOXYLATES D'AMMONIUM QUATERNAIRE SOLUBLES DANS UN GROUPE HYDROCARBYLE ET COMPOSITIONS DE CARBURANT EN CONTENANT**
[72] FANG, XINGGAO, US
[72] SCHWAB, SCOTT D., US
[72] TAYLOR, DANIEL, US
[73] AFTON CHEMICAL CORPORATION, US
[73] FANG, XINGGAO, ZZ
[73] SCHWAB, SCOTT D., ZZ
[73] TAYLOR, DANIEL, ZZ
[86] (2887764)
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[25] EN
[54] **SPLIT WEDGE AND METHOD FOR MAKING SAME**
[54] **CALE FENDUE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] GOTLUND, ERIK, US
[73] NEVIS INDUSTRIES LLC, US
[73] GOTLUND, ERIK, ZZ
[85] 2015-04-14
[86] 2013-05-17 (PCT/US2013/041570)
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[25] EN
[54] **REDUCED OUTFLOW INFLATION VALVE**
[54] **VALVE DE GONFLAGE A DEBIT SORTANT REDUIT**
[72] FOURNIE, GLENN G., US
[72] MEIER, KEVIN C., US
[73] FOURNIE, GLENN G., ZZ
[73] MEIER, KEVIN C., ZZ
[73] ROHO, INC., US
[85] 2015-04-16
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[51] **Int.Cl. C01B 3/38 (2006.01)**
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[54] **SATURATOR AND NATURAL GAS REFORMING SYSTEM PROVIDED WITH SAME**
[54] **SATURATEUR ET SYSTEME DE REFORMAGE DE GAZ NATUREL EQUIPE DE CELUI-CI**
[72] IIJIMA, MASAKI, JP
[72] MATSUZAWA, MASATO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] IIJIMA, MASAKI, ZZ
[73] MATSUZAWA, MASATO, ZZ
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[25] EN
[54] **RADIATION DETECTION UNIT FOR MOUNTING A RADIATION SENSOR TO A CONTAINER CRANE**
[54] **UNITE DE DETECTION DE RAYONNEMENT POUR MONTER UN CAPTEUR DE RAYONNEMENT SUR UNE GRUE DE CONTENANT**
[72] ALIOTO, MATTHEW T., US
[72] ALIOTO, JOHN L., US
[72] WADHWANI, MOHAN, US
[73] VERITAINER ASSET HOLDING LLC, US
[73] ALIOTO, MATTHEW T., ZZ
[73] ALIOTO, JOHN L., ZZ
[73] WADHWANI, MOHAN, ZZ
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[51] **Int.Cl. B29C 70/30 (2006.01) B29C 70/54 (2006.01)**
[25] EN
[54] **METHOD FOR ACCURATE REGISTRATION OF COMPOSITE LAMINATES**
[54] **PROCEDE D'ENREGISTREMENT PRECIS DE STRATIFIES COMPOSITES**
[72] NELSON, PAUL E., US
[72] BOBERG, MARK C., US
[73] THE BOEING COMPANY, US
[73] NELSON, PAUL E., ZZ
[73] BOBERG, MARK C., ZZ
[85] 2015-04-24
[86] 2013-11-18 (PCT/US2013/070594)
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[51] **Int.Cl. C07F 7/08 (2006.01) C08G 81/00 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **AMPHIPHILIC SILOXANE-CONTAINING VINYLIC MONOMERS AND USES THEREOF**
[54] **MONOMERES VINYLIQUES CONTENANT UN SILOXANE AMPHIPHILE ET LEURS UTILISATIONS**
[72] CHANG, FRANK, US
[73] NOVARTIS AG, CH
[73] CHANG, FRANK, ZZ
[85] 2015-04-28
[86] 2013-12-13 (PCT/US2013/074890)
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[51] **Int.Cl. B60J 10/20 (2016.01)**
[25] EN
[54] **METHODS FOR FORMING INJECTION MOLDING COMPONENT AND QUARTER WINDOW, GUIDE RAIL, QUARTER WINDOW, VEHICLE DOOR AND VEHICLE**
[54] **PROCEDES DE FORMATION D'UN COMPOSANT DE MOULAGE PAR INJECTION ET D'UNE GLACE DE CUSTODE, RAIL DE GUIDAGE, GLACE DE CUSTODE, PORTE DE VEHICULE, ET VEHICULE**
[72] LIU, LU, CN
[73] SAINT-GOBAIN GLASS FRANCE, FR
[73] LIU, LU, ZZ
[85] 2015-04-29
[86] 2014-01-26 (PCT/CN2014/071509)
[87] (WO2014/121706)
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[51] **Int.Cl. H04W 84/18 (2009.01) H04W 4/08 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **METHOD FOR PEER TO PEER GROUP FORMATION IN DIRECT COMMUNICATION SYSTEM AND DEVICE THEREFOR**
[54] **PROCEDE POUR LA FORMATION D'UN GROUPE DE PAIR A PAIR DANS UN SYSTEME DE COMMUNICATION DIRECTE, ET DISPOSITIF CORRESPONDANT**
[72] LEE, BYUNGJOO, KR
[72] KIM, DONGCHEOL, KR
[72] KIM, JINHO, KR
[72] LEE, WOOKBONG, KR
[72] CHO, HANGYU, KR
[73] LG ELECTRONICS INC., KR
[73] LEE, BYUNGJOO, ZZ
[73] KIM, DONGCHEOL, ZZ
[73] KIM, JINHO, ZZ
[73] LEE, WOOKBONG, ZZ
[73] CHO, HANGYU, ZZ
[85] 2015-05-04
[86] 2013-11-08 (PCT/KR2013/010121)
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[30] US (61/776,789) 2013-03-12
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[51] **Int.Cl. C08F 297/06 (2006.01) C08J 5/18 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - IV**
[54] **POLYMERES AUTOASSEMBLANT - IV**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[73] AAMER, KHALED ABDEL-HAKIM HELMY, ZZ
[86] (2890737)
[87] (2890737)
[22] 2015-05-08
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[51] **Int.Cl. B64F 5/10 (2017.01) B33Y 10/00 (2015.01) B32B 43/00 (2006.01) B64D 45/02 (2006.01) H02G 13/00 (2006.01) H05F 3/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USE IN FORMING A LIGHTNING PROTECTION SYSTEM**
[54] **METHODES ET APPAREIL DESTINES A FORMER UN SYSTEME DE PROTECTION CONTRE LA FOUDRE**
[72] BROWN, ARLENE M., US
[72] HUMFELD, KEITH DANIEL, US
[73] THE BOEING COMPANY, US
[73] BROWN, ARLENE M., ZZ
[73] HUMFELD, KEITH DANIEL, ZZ
[86] (2890769)
[87] (2890769)
[22] 2015-05-06
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[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **VISCOUS SETTABLE FLUID FOR LOST CIRCULATION IN SUBTERRANEAN FORMATIONS**
[54] **FLUIDE VISQUEUX DURCISSABLE PERMETTANT DE REDUIRE LES PERTES DE CIRCULATION DANS LES FORMATIONS SOUTERRAINES**
[72] KUMAR, ARUNESH, GB
[72] SAVARI, SHARATH, US
[72] SCORSONE, JASON T., US
[72] KALGAONKAR, RAJENDRA A., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] KUMAR, ARUNESH, ZZ
[73] SAVARI, SHARATH, ZZ
[73] SCORSONE, JASON T., ZZ
[73] KALGAONKAR, RAJENDRA A., ZZ
[85] 2015-05-11
[86] 2013-11-19 (PCT/US2013/070689)
[87] (WO2014/092940)
[30] US (13/712,539) 2012-12-12

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[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **CORNER RADIUS END MILL**
[54] **FRAISE A QUEUE A RAYON DE BEC**
[72] BUDDA, ELIYAHU, IL
[72] KHINA, ALEXANDER, IL
[73] ISCAR LTD., IL
[73] BUDDA, ELIYAHU, ZZ
[73] KHINA, ALEXANDER, ZZ
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[86] 2013-11-05 (PCT/IL2013/050905)
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[51] **Int.Cl. A61L 27/10 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING AN ORTHOSILICATE AND ITS USE FOR TISSUE REGENERATION**
[54] **COMPOSITION RENFERMANT UN ORTHOSILICATE ET SON UTILISATION EN VUE DE LA REGENERATION DE TISSUS**
[72] WAGNER, THOMAS E., US
[73] ORBIS HEALTH SOLUTIONS, LLC, US
[73] WAGNER, THOMAS E., ZZ
[85] 2015-05-15
[86] 2013-12-11 (PCT/US2013/074327)
[87] (WO2014/093454)
[30] US (61/736,257) 2012-12-12
[30] US (61/786,380) 2013-03-15

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[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **USING TELEMETRY TO REDUCE MALWARE DEFINITION PACKAGE SIZE**
[54] **UTILISATION DE TELEMESURE POUR REDUIRE LA TAILLE DE PAQUET DE DEFINITION DE LOGICIEL MALVEILLANT**
[72] PEREIRA, SHANE, US
[72] NACHENBERG, CAREY, US
[73] SYMANTEC CORPORATION, US
[73] PEREIRA, SHANE, ZZ
[73] NACHENBERG, CAREY, ZZ
[85] 2015-05-15
[86] 2013-11-14 (PCT/US2013/070137)
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[30] US (13/682,288) 2012-11-20

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[51] **Int.Cl. E02F 9/22 (2006.01) F15C 3/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING PREFERENTIAL FUNCTION OF A CONSTRUCTION MACHINE**
[54] **APPAREIL ET METHODE DE CONTROLE DE FONCTION PREFERENTIELLE D'UNE MACHINE DE CONSTRUCTION**
[72] BANG, SANG-HO, KR
[72] SHIN, HUNG-JU, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[73] BANG, SANG-HO, ZZ
[73] SHIN, HUNG-JU, ZZ
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[86] 2012-11-23 (PCT/KR2012/009959)
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DRILL STRING OSCILLATION METHODS**
[54] **PROCEDES D'OSCILLATION DE TRAIN DE TIGES DE FORAGE**
[72] BOONE, SCOTT G., US
[72] GILLAN, COLIN, US
[73] BOONE, SCOTT G., ZZ
[73] GILLAN, COLIN, ZZ
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2015-05-14
[86] 2013-11-20 (PCT/US2013/070970)
[87] (WO2014/088808)
[30] US (13/708,255) 2012-12-07

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[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/27 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **REDUCED SIZE RUNNER FOR AN INJECTION MOLD SYSTEM**
[54] **CANAL DE COULEE DE TAILLE REDUITE POUR UN SYSTEME DE MOULAGE PAR INJECTION**
[72] ALTONEN, GENE MICHAEL, US
[72] BREIDENBACH, VINCENT SEAN, US
[72] MCCONNELL, KIMBERLY NICHOLE, US
[72] LUMPKIN, DANNY DAVID, US
[72] HUANG, CHOW-CHI, US
[72] BERG, CHARLES JOHN, JR., US
[73] IMFLUX INC., US
[73] ALTONEN, GENE MICHAEL, ZZ
[73] BREIDENBACH, VINCENT SEAN, ZZ
[73] MCCONNELL, KIMBERLY NICHOLE, ZZ
[73] LUMPKIN, DANNY DAVID, ZZ
[73] HUANG, CHOW-CHI, ZZ
[73] BERG, CHARLES JOHN, JR., ZZ
[85] 2015-05-20
[86] 2013-11-21 (PCT/US2013/071123)
[87] (WO2014/081905)
[30] US (61/729,028) 2012-11-21

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[51] **Int.Cl. C08J 5/18 (2006.01) C08L 53/00 (2006.01) C08F 297/06 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (VA)**
[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMERE SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L'AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (VA)**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[72] SHI, SELINA, US
[73] PALL CORPORATION, US
[73] AAMER, KHALED ABDEL-HAKIM HELMY, ZZ
[73] SHI, SELINA, ZZ
[86] (2892136)
[87] (2892136)
[22] 2015-05-15
[30] US (14/292,193) 2014-05-30

[11] **2,892,230**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **RECOMMENDING A RETAIL LOCATION**
[54] **RECOMMANDATION D'UN EMPLACEMENT DE COMMERCE DE DETAIL**
[72] LYMAN, NATE, US
[73] EBAY INC., US
[73] LYMAN, NATE, ZZ
[85] 2015-05-22
[86] 2013-11-27 (PCT/US2013/072350)
[87] (WO2014/085667)
[30] US (13/689,479) 2012-11-29

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[51] **Int.Cl. F16B 37/00 (2006.01)**
[25] EN
[54] **BARREL NUT WITH STRESS REDUCTION FEATURES**
[54] **ECROU A PORTEE CYLINDRIQUE DOTE DE CARACTERISTIQUES DE REDUCTION DE CONTRAINTE**
[72] STANESCU, ADRIAN, US
[72] KOSTAKIS, CONSTANTINE, US
[72] BUTCHER, MICHAEL RONALD, US
[73] THE BOEING COMPANY, US
[73] STANESCU, ADRIAN, ZZ
[73] KOSTAKIS, CONSTANTINE, ZZ
[73] BUTCHER, MICHAEL RONALD, ZZ
[86] (2892723)
[87] (2892723)
[22] 2015-05-26
[30] US (14/469,640) 2014-08-27

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[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) E01C 23/00 (2006.01) E02D 33/00 (2006.01)**
[25] EN
[54] **ROAD SURFACE CONDITION DETERMINING METHOD, ROAD SURFACE CONDITION OUTPUTTING METHOD, ROAD SURFACE CONDITION DETERMINING DEVICE AND ROAD SURFACE CONDITION OUTPUT EQUIPMENT**
[54] **METHODE DE DETERMINATION DE L'ETAT DE LA SURFACE DE LA ROUTE, METHODE DE TRANSMISSION DE L'ETAT DE LA SURFACE DE LA ROUTE, DISPOSITIF DE DETERMINATION DE L'ETAT DE LA SURFACE DE LA ROUTE ET EQUIPEMENT DE PRODUCTION D'ETAT DE LA SURFACE DE LA ROUTE**
[72] JINNO, TOMOKO, JP
[72] ONO, RYOTA, JP
[72] YAMAMOTO, YASUKO, JP
[73] KOMATSU LTD., JP
[73] JINNO, TOMOKO, ZZ
[73] ONO, RYOTA, ZZ
[73] YAMAMOTO, YASUKO, ZZ
[85] 2015-02-24
[86] 2014-03-19 (PCT/JP2014/057589)
[87] (WO2015/140966)

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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CARBOCYCLIC-AND HETEROCYCLIC-SUBSTITUTED HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE COMPOUNDS**
[54] **COMPOSES HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE SUBSTITUES CARBOCYCLIQUES ET HETEROCYCLIQUES**
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] LACHAPELLE, ERIK ALPHIE, US
[72] O'NEILL, BRIAN THOMAS, US
[73] PFIZER INC., US
[73] BRODNEY, MICHAEL AARON, ZZ
[73] BUTLER, CHRISTOPHER RYAN, ZZ
[73] LACHAPELLE, ERIK ALPHIE, ZZ
[73] O'NEILL, BRIAN THOMAS, ZZ
[85] 2015-06-01
[86] 2013-12-04 (PCT/IB2013/060633)
[87] (WO2014/097038)
[30] US (61/739,053) 2012-12-19

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **PUP JOINT FOR RELEASING SIDEWALL CONTACT OF STRATIGRAPHIC TEST DEVICE AND APPARATUS**
[54] **TUBE COURT POUR RELACHER UN CONTACT DE PAROI LATERALE DE DISPOSITIF D'ESSAI STRATIGRAPHIQUE ET APPAREIL**
[72] QIN, XIAOFEI, CN
[72] FENG, YONGREN, CN
[72] SONG, WANGUANG, CN
[72] CHU, XIAODONG, CN
[72] WANG, LEI, CN
[73] CHINA NATIONAL OFFSHORE OIL CORP., CN
[73] CHINA OILFIELD SERVICES LIMITED, CN
[73] QIN, XIAOFEI, ZZ
[73] FENG, YONGREN, ZZ
[73] SONG, WANGUANG, ZZ
[73] CHU, XIAODONG, ZZ
[73] WANG, LEI, ZZ
[85] 2015-06-03
[86] 2013-11-20 (PCT/CN2013/087485)
[87] (WO2014/086233)
[30] CN (201210514957.9) 2012-12-04

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[51] **Int.Cl. H02G 3/04 (2006.01) H01R 13/74 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **POWER DATA HOUSING**
[54] **BOITIER DE COMPTEUR D'ENERGIE ELECTRIQUE**
[72] BYRNE, NORMAN R., US
[73] BYRNE, NORMAN R., US
[86] (2893900)
[87] (2893900)
[22] 2011-07-11
[62] 2,745,978
[30] US (61/362,802) 2010-07-09

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[13] A1
[51] **Int.Cl. E06B 3/677 (2006.01) E06B 3/663 (2006.01)**
[25] EN
[54] **INSULATING GLAZING HAVING A PRESSURE-EQUALIZING ELEMENT**
[54] **VITRAGE ISOLANT COMPRENANT UN ELEMENT COMPENSATEUR DE PRESSION**
[72] KOTOWSKI, GUNTHER, DE
[72] AMEDICK, KATRIN, DE
[72] SCHREIBER, WALTER, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[73] KOTOWSKI, GUNTHER, ZZ
[73] AMEDICK, KATRIN, ZZ
[73] SCHREIBER, WALTER, ZZ
[85] 2015-06-05
[86] 2013-08-20 (PCT/EP2013/067278)
[87] (WO2014/095097)
[30] EP (12198381.1) 2012-12-20

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[51] **Int.Cl. G01M 17/02 (2006.01) G01B 21/30 (2006.01) G01M 1/14 (2006.01) G01M 1/16 (2006.01)**
[25] EN
[54] **EFFICIENT HIGH SPEED UNIFORMITY MEASUREMENTS USING SPEED RAMPS**
[54] **MESURES D'UNIFORMITE A VITESSE ELEVEE EFFICACES UTILISANT DES RAMPES DE VITESSE**
[72] NICHOLSON, VERNER, STEVE, US
[72] TRAYLOR, JAMES, MICHAEL, US
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[73] NICHOLSON, VERNER, STEVE, ZZ
[73] TRAYLOR, JAMES, MICHAEL, ZZ
[73] MICHELIN RECHERCHE ET TECHNIQUE, S.A., CH
[85] 2015-06-05
[86] 2012-12-14 (PCT/US2012/069745)
[87] (WO2014/092722)

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[13] A1
[51] **Int.Cl. E04C 2/296 (2006.01) E02D 27/00 (2006.01) E04B 2/00 (2006.01)**
[25] EN
[54] **CONSTRUCTION PANELS AND CONSTRUCTION SYSTEMS, AND METHODS**
[54] **PANNEAUX DE CONSTRUCTION DES SYSTEMES DE CONSTRUCTION, ET PROCEDES**
[72] SCHIFFMANN, GLENN P., US
[72] SCHIFFMANN, GERHARD P., US
[73] COMPOSITE PANEL SYSTEMS LLC, US
[73] SCHIFFMANN, GLENN P., ZZ
[73] SCHIFFMANN, GERHARD P., ZZ
[86] (2894147)
[87] (2894147)
[22] 2007-12-03
[62] 2,671,430
[30] US (60/872,929) 2006-12-04
[30] US (60/876,403) 2006-12-21
[30] US (60/923,822) 2007-04-16
[30] US (11/901,174) 2007-09-13
[30] US (11/901,057) 2007-09-13
[30] US (11/900,987) 2007-09-13
[30] US (11/900,998) 2007-09-13
[30] US (11/901,059) 2007-09-13
[30] US (11/901,173) 2007-09-13
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[51] **Int.Cl. E03B 9/02 (2006.01) B25B 13/48 (2006.01) F16K 31/46 (2006.01) F21L 4/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **LIGHTED MUNICIPAL VALVE KEY**
[54] **CLE DE VANNE MUNICIPALE ECLAIREE**
[72] SMITH, CHARLES, US
[72] CONVENTRY, GREGORY, US
[73] CPI EXCAVATING INC., US
[73] SMITH, CHARLES, ZZ
[73] CONVENTRY, GREGORY, ZZ
[86] (2894740)
[87] (2894740)
[22] 2015-06-18
[30] US (14/705,622) 2015-05-06

[11] **2,894,926**
[13] A1
[51] **Int.Cl. F02C 1/05 (2006.01) F01K 23/10 (2006.01) F02C 6/18 (2006.01) F02C 7/08 (2006.01) F03G 6/00 (2006.01) F24J 2/00 (2014.01)**
[25] EN
[54] **SOLAR/AIR TURBINE GENERATOR SYSTEM**
[54] **MECANISME GENERATEUR DE TURBINE SOLEIL/AIR**
[72] MISHIMA, NOBUYOSHI, JP
[72] OSADA, TOSHIYUKI, JP
[72] NAGAFUCHI, NAOYUKI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[73] MISHIMA, NOBUYOSHI, ZZ
[73] OSADA, TOSHIYUKI, ZZ
[73] NAGAFUCHI, NAOYUKI, ZZ
[86] (2894926)
[87] (2894926)
[22] 2015-06-18
[30] JP (2014-156841) 2014-07-31

[11] **2,895,040**
[13] A1
[51] **Int.Cl. B32B 37/06 (2006.01) B32B 41/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING BONDED SUBSTRATES**
[54] **SYSTEME ET PROCEDE DE FORMATION DE SUBSTRATS LIES**
[72] BEACHNER, JAMES R., US
[72] ZHOU, JING, US
[72] KANUNGO, MANDAKINI, US
[72] JIA, NANCY Y., US
[72] MCCONVILLE, PAUL J., US
[72] HONG, WEI, US
[73] BEACHNER, JAMES R., ZZ
[73] ZHOU, JING, ZZ
[73] KANUNGO, MANDAKINI, ZZ
[73] JIA, NANCY Y., ZZ
[73] MCCONVILLE, PAUL J., ZZ
[73] HONG, WEI, ZZ
[73] XEROX CORPORATION, US
[86] (2895040)
[87] (2895040)
[22] 2015-06-15
[30] US (14/311970) 2014-06-23

[11] **2,895,065**
[13] A1
[51] **Int.Cl. H04B 7/24 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING/RECEIVING INFORMATION RELATED TO ASSOCIATION IDENTIFIER IN WIRELESS COMMUNICATION SYSTEM AND DEVICE THEREFOR**
[54] **PROCEDE POUR EMETTRE/RECEVOIR DES INFORMATIONS RELATIVES A UN IDENTIFICATEUR D'ASSOCIATION DANS UN SYSTEME DE COMMUNICATION SANS FIL, ET DISPOSITIF ASSOCIE**
[72] KIM, JEONGKI, KR
[72] SEOK, YONGHO, KR
[72] CHO, HANGYU, KR
[72] CHOI, JINSOO, KR
[73] LG ELECTRONICS INC., KR
[73] KIM, JEONGKI, ZZ
[73] SEOK, YONGHO, ZZ
[73] CHO, HANGYU, ZZ
[73] CHOI, JINSOO, ZZ
[85] 2015-06-12
[86] 2013-12-12 (PCT/KR2013/011540)
[87] (WO2014/092487)
[30] US (61/736,017) 2012-12-12
[30] US (61/737,061) 2012-12-13
[30] US (61/761,229) 2013-02-05
[30] US (61/811,100) 2013-04-11

[11] **2,895,530**
[13] A1
[51] **Int.Cl. E21B 47/18 (2012.01) F15B 21/12 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATING APPARATUS WITH PRIMARY SEAL ASSEMBLY, BACK UP SEAL ASSEMBLY AND PRESSURE COMPENSATION DEVICE AND METHOD OF OPERATING SAME**
[54] **APPAREIL D'EMISSION D'IMPULSIONS DE PRESSION DE FLUIDE AVEC ENSEMBLE JOINT D'ETANCHEITE PRIMAIRE, ENSEMBLE JOINT DE MAINTIEN ET DISPOSITIF DE COMPENSATION DE PRESSION ET PROCEDE POUR FAIRE FONCTIONNER CELUI-LA**
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC., CA
[73] LOGAN, AARON W., CA
[73] LOGAN, JUSTIN C., CA
[73] SWITZER, DAVID A., CA
[85] 2015-06-18
[86] 2013-12-20 (PCT/CA2013/051006)
[87] (WO2014/094179)
[30] US (61/745,206) 2012-12-21

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[13] A1
[51] **Int.Cl. G01V 1/22 (2006.01) E21B 47/14 (2006.01) E21B 47/16 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **ACOUSTIC DATA COMPRESSION TECHNIQUE**
[54] **TECHNIQUE DE COMPRESSION DE DONNEES ACOUSTIQUES**
[72] MICKAEL, MEDHAT, US
[73] MICKAEL, MEDHAT, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2895600)
[87] (2895600)
[22] 2015-06-29
[30] US (62/020,085) 2014-07-02

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[13] A1
[51] **Int.Cl. A47J 31/41 (2006.01) B67D 7/08 (2010.01) A47J 31/44 (2006.01) F04B 9/02 (2006.01) F04B 13/00 (2006.01) F16J 1/00 (2006.01) A23F 5/46 (2006.01)**
[25] EN
[54] **CARTRIDGE BASED FLUID DISPENSING APPARATUS**
[54] **APPAREIL DE DISTRIBUTION DE FLUIDE A BASE DE CARTOUCHE**
[72] ERMAN, P. GREGORY, CA
[72] MARSHALL, CHRIS, CA
[72] WILSON, AVERY, CA
[72] RICKER, DAVID A., CA
[72] MCDOUGALL, MICHAEL, CA
[72] STONEMAN, KEVIN, CA
[72] MACLEAN, IAN, CA
[73] A.C. DISPENSING EQUIPMENT, INC., CA
[73] ERMAN, P. GREGORY, CA
[73] MARSHALL, CHRIS, CA
[73] WILSON, AVERY, CA
[73] RICKER, DAVID A., CA
[73] MCDOUGALL, MICHAEL, CA
[73] STONEMAN, KEVIN, CA
[73] MACLEAN, IAN, CA
[86] (2896144)
[87] (2896144)
[22] 2007-09-07
[62] 2,662,872
[30] US (60/824,938) 2006-09-08

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[13] A1
[51] **Int.Cl. C07D 487/22 (2006.01) A61K 49/10 (2006.01) A61P 35/00 (2006.01) C07D 403/08 (2006.01)**
[25] EN
[54] **CYANINE DYE COMPOUND AND PREPARATION METHOD THEREFOR, AND DUAL-FUNCTION AGENT FOR PHOTODYNAMIC THERAPY AND PREPARATION METHOD THEREFOR**
[54] **COMPOSE COLORANT CYANINE ET SON PROCEDE DE PREPARATION, ET AGENT A DOUBLE FONCTION POUR THERAPIE PHOTODYNAMIQUE ET SON PROCEDE DE PREPARATION**
[72] PANDEY, RAVINDRA K., US
[72] BAI, HUA, CN
[72] CHEN, ZHENLIANG, CN
[72] ETHIRAJAN, MANIVANNAN, US
[72] PATEL, NAYAN, US
[73] ZHEJIANG HISUN PHARMACEUTICAL CO., LTD., CN
[73] PANDEY, RAVINDRA K., ZZ
[73] BAI, HUA, ZZ
[73] CHEN, ZHENLIANG, ZZ
[73] ETHIRAJAN, MANIVANNAN, ZZ
[73] PATEL, NAYAN, ZZ
[85] 2015-06-25
[86] 2013-02-06 (PCT/CN2013/071445)
[87] (WO2014/101339)
[30] CN (201210598014.9) 2012-12-28

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[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01) H04B 7/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTICASTING/BROADCASTIN G IN RELAY NETWORK OF WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL DE DIFFUSION GROUPEE/DIFFUSION GENERALE DANS UN RESEAU A RELAIS D'UN SYSTEME LAN SANS FIL**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[73] SEOK, YONGHO, ZZ
[85] 2015-06-26
[86] 2013-10-30 (PCT/KR2013/009740)
[87] (WO2014/104556)
[30] US (61/746,534) 2012-12-27

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[13] A1
[51] **Int.Cl. B64C 25/42 (2006.01) B60T 13/66 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING A HYDRAULIC BRAKE OF AN AIRCRAFT**
[54] **APPAREIL ET METHODE DE COMMANDE D'UN FREIN HYDRAULIQUE D'UN AERONEF**
[72] KNIGHT, MICHAEL, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
[73] KNIGHT, MICHAEL, ZZ
[86] (2896768)
[87] (2896768)
[22] 2015-07-10
[30] US (14/460,651) 2014-08-15

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[51] **Int.Cl. A01B 15/16 (2006.01) A01B 21/08 (2006.01) A01B 23/06 (2006.01)**
[25] EN
[54] **CUTTING UNIT**
[54] **MODULE DE COUPE**
[72] PASQUIER, GAETAN, FR
[72] SECHET, ARNAUD, FR
[73] KVERNELAND GROUP LES LANDES GENUSSON S.A.S., FR
[73] PASQUIER, GAETAN, ZZ
[73] SECHET, ARNAUD, ZZ
[86] (2896785)
[87] (2896785)
[22] 2015-07-13
[30] EP (14178224.3) 2014-07-23

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[13] A1
[51] **Int.Cl. G09B 19/24 (2006.01)**
[25] EN
[54] **WELDING TORCH FOR A WELDING TRAINING SYSTEM**
[54] **TETE DE SOUDAGE POUR UN SYSTEME DE FORMATION DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] PFEIFER, KYLE A., US
[73] ILLINOIS TOOL WORKS INC., US
[73] BECKER, WILLIAM J., ZZ
[73] PFEIFER, KYLE A., ZZ
[85] 2015-06-26
[86] 2014-02-24 (PCT/US2014/018113)
[87] (WO2014/149401)
[30] US (13/837,632) 2013-03-15

[11] **2,896,958**
[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC SURGICAL DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, MECANISMES ET METHODES CHIRURGICAUX ADAPTES AU PATIENT**
[72] STEMNISKI, PAUL M., US
[72] REYNOLDS, DAVID G., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[73] STEMNISKI, PAUL M., ZZ
[73] REYNOLDS, DAVID G., ZZ
[85] 2015-05-14
[86] 2015-03-13 (PCT/US2015/020414)
[87] (2896958)

[11] **2,897,359**
[13] A1
[51] **Int.Cl. F28F 9/06 (2006.01) B60K 11/04 (2006.01) F16L 37/60 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER WITH SELF-ALIGNING FITTINGS**
[54] **ECHANGEUR DE CHALEUR AVEC RACCORDS A ALIGNEMENT AUTOMATIQUE**
[72] BURGERS, JOHN G., CA
[72] MARTIN, MICHAEL A., CA
[72] ABELS, KENNETH M., CA
[72] MACHLER, MEINRAD K. A., CA
[73] DANA CANADA CORPORATION, CA
[73] BURGERS, JOHN G., CA
[73] MARTIN, MICHAEL A., CA
[73] ABELS, KENNETH M., CA
[73] MACHLER, MEINRAD K. A., CA
[85] 2015-07-07
[86] 2014-02-12 (PCT/CA2014/050097)
[87] (WO2014/124534)
[30] US (61/763,747) 2013-02-12

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[13] A1
[51] **Int.Cl. B64C 13/00 (2006.01) B64C 13/38 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR OPERATING FLIGHT CONTROL SYSTEMS OF AIRCRAFTS**
[54] **METHODE ET APPAREIL DESTINES AU FONCTIONNEMENT DE SYSTEMES DE COMMANDES DE VOL DES AERONEFS**
[72] HUYNH, NEAL V., US
[72] EICK, ROBERT S., US
[72] HEINEMAN, THOMAS G., US
[72] BILLS, MICHAEL D., US
[72] FAHEY, PATRICK M., US
[72] NICHOLAS, JOHN C., US
[73] THE BOEING COMPANY, US
[73] HUYNH, NEAL V., ZZ
[73] EICK, ROBERT S., ZZ
[73] HEINEMAN, THOMAS G., ZZ
[73] BILLS, MICHAEL D., ZZ
[73] FAHEY, PATRICK M., ZZ
[73] NICHOLAS, JOHN C., ZZ
[86] (2897385)
[87] (2897385)
[22] 2015-07-14
[30] US (14/511,036) 2014-10-09

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[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01)**
[25] EN
[54] **ELECTROLYTIC DETACHMENT ELEMENTS FOR IMPLANT DELIVERY SYSTEMS**
[54] **ELEMENTS DE DETACHEMENT ELECTROLYTIQUE DESTINES A DES MECANISMES D'INSTALLATION D'IMPLANTS**
[72] MA, JIANLU, US
[72] DIVINO, VINCENT, US
[73] COVIDIEN LP, US
[73] MA, JIANLU, ZZ
[73] DIVINO, VINCENT, ZZ
[86] (2897593)
[87] (2897593)
[22] 2015-07-17
[30] US (14/454,880) 2014-08-08

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[13] A1
[51] **Int.Cl. E01B 29/06 (2006.01) E01B 29/14 (2006.01)**
[25] EN
[54] **RAIL TIE GRIPPING MECHANISM HAVING GRIPPER FINGERS WITH TEETH**
[54] **MECANISME DE PREHENSION DE FIXATION DE RAIL COMPORTANT DES DOIGTS PREHENSEURS DENTES**
[72] STRAUB, WILLIAM D., US
[72] PETERSON, LEARY C., US
[73] NORDCO INC., US
[73] STRAUB, WILLIAM D., ZZ
[73] PETERSON, LEARY C., ZZ
[86] (2897824)
[87] (2897824)
[22] 2015-07-15
[30] US (62/024,694) 2014-07-15
[30] US (14/789,151) 2015-07-01

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[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **BATTERY CASE**
[54] **BOITIER DE BATTERIE**
[72] NISHIMURA, RYUZO, JP
[72] NAKANE, SHINICHIRO, JP
[72] SETO, YASUMASA, JP
[73] FUTABA INDUSTRIAL CO., LTD., JP
[73] NISHIMURA, RYUZO, ZZ
[73] NAKANE, SHINICHIRO, ZZ
[73] SETO, YASUMASA, ZZ
[85] 2015-07-10
[86] 2013-12-26 (PCT/JP2013/084863)
[87] (WO2014/109243)
[30] JP (2013-003725) 2013-01-11

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[13] A1
[51] **Int.Cl. E06B 9/74 (2006.01)**
[25] EN
[54] **SUNSHADE DRIVING DEVICE HAVING A RETURNING FUNCTION OF A WHEEL DRIVING MEMBER**
[54] **APPAREIL D'ENTRAINEMENT DE STORE PARE-SOLEIL AYANT UNE FONCTION DE RETOUR D'ELEMENT DE ROUE D'ENTRAINEMENT**
[72] JUNG, TAEROK, KR
[72] JUNG, JAEHEUN, KR
[73] TERASOLAR CO., LTD., KR
[73] JUNG, TAEROK, ZZ
[73] JUNG, JAEHEUN, ZZ
[85] 2015-07-10
[86] 2014-01-17 (PCT/KR2014/000537)
[87] (WO2014/112837)
[30] KR (10-2013-0005624) 2013-01-18
[30] KR (10-2013-0005626) 2013-01-18

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[13] A1
[51] **Int.Cl. A61B 17/29 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **RIGID AND FLEXIBLE LAPAROSCOPIC TOOL SHAFTS AND METHOD USING SAME**
[54] **TIGES D'OUTIL LAPAROSCOPIQUE RIGIDE ET SOUPLE ET METHODE D'UTILISATION ASSOCIEE**
[72] IGOV, IGOR, IL
[72] EPSTEIN, JONATAN, IL
[72] LORE, RAMI, IL
[72] LAVI, GILAD, IL
[73] TELEFLEX MEDICAL INCORPORATED, US
[73] IGOV, IGOR, ZZ
[73] EPSTEIN, JONATAN, ZZ
[73] LORE, RAMI, ZZ
[73] LAVI, GILAD, ZZ
[85] 2015-07-10
[86] 2014-01-15 (PCT/US2014/011611)
[87] (WO2014/113428)
[30] US (61/753,224) 2013-01-16

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[13] A1
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 34/16 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **REMOTE HYDRAULIC CONTROL OF DOWNHOLE TOOLS**
[54] **COMMANDE HYDRAULIQUE A DISTANCE D'OUTILS EN FOND DE TROU**
[72] HARDIN, JOHN RANSFORD, JR., US
[72] WINSLOW, DANIEL M., US
[72] LASSOIE, JEAN-PIERRE, BE
[72] MOURARET, NICOLAS, BE
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] HARDIN, JOHN RANSFORD, JR., ZZ
[73] WINSLOW, DANIEL M., ZZ
[73] LASSOIE, JEAN-PIERRE, ZZ
[73] MOURARET, NICOLAS, ZZ
[85] 2015-07-14
[86] 2013-02-26 (PCT/US2013/027825)
[87] (WO2014/133487)

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[13] A1
[51] **Int.Cl. A41C 3/12 (2006.01) A41C 3/00 (2006.01)**
[25] EN
[54] **SUPPORT COMPONENT FOR A BRA**
[54] **COMPOSANT DE SUPPORT POUR SOUTIEN-GORGE**
[72] MCNEELEY, CAROLYN M., US
[72] BROWN, PATRICK, US
[72] STANCA, NICK, US
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[73] MCNEELEY, CAROLYN M., ZZ
[73] BROWN, PATRICK, ZZ
[73] STANCA, NICK, ZZ
[85] 2015-07-20
[86] 2013-10-31 (PCT/US2013/067807)
[87] (WO2014/126618)
[30] US (13/767,377) 2013-02-14

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[13] A1
[51] **Int.Cl. B08B 5/02 (2006.01) B01D 46/00 (2006.01) B08B 5/04 (2006.01) A47K 3/28 (2006.01)**
[25] EN
[54] **AIR SHOWER FOR DUST COLLECTORS**
[54] **DOUCHE D'AIR POUR COLLECTEURS DE POUSSIERE**
[72] TEMPLETON, MATTHEW CHARLES, CA
[73] ASSOCIATED RESEARCH - EDC LTD., CA
[73] TEMPLETON, MATTHEW CHARLES, CA
[86] (2899065)
[87] (2899065)
[22] 2015-07-24
[30] US (62/029,076) 2014-07-25

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[13] A1
[51] **Int.Cl. B21B 27/00 (2006.01) C22C 37/00 (2006.01)**
[25] EN
[54] **ROLL OUTER LAYER MATERIAL, AND COMPOSITE ROLL FOR HOT ROLLING**
[54] **MATERIAU DE COUCHE EXTERNE DE ROULEAU ET ROULEAU COMPOSITE DESTINE A UN LAMINAGE A CHAUD**
[72] ICHINO, KENJI, JP
[72] MOCHIDA, TETSUO, JP
[72] SHIBATA, HIROMITSU, JP
[73] JFE STEEL CORPORATION, JP
[73] ICHINO, KENJI, ZZ
[73] MOCHIDA, TETSUO, ZZ
[73] SHIBATA, HIROMITSU, ZZ
[85] 2015-07-24
[86] 2014-02-25 (PCT/JP2014/000985)
[87] (WO2014/132628)
[30] JP (2013-040298) 2013-03-01

[11] **2,899,467**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREEN CLOTH FOR VIBRATING, ROTATING OR STATIONARY SCREENS**
[54] **TISSU DE TAMIS POUR LES ECRANS VIBRATOIRES, ROTATIFS OU STATIONNAIRES**
[72] MOON, SOON WON, CA
[72] OBAIA, KHALED, CA
[72] REID, DAMIEN, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[73] MOON, SOON WON, CA
[73] OBAIA, KHALED, CA
[73] REID, DAMIEN, CA
[86] (2899467)
[87] (2899467)
[22] 2015-08-04
[30] US (62/033,238) 2014-08-05

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[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/247 (2016.01)**
[25] EN
[54] **FUEL CELL AND FUEL CELL STACK WITH MAINTAINED ELECTRICAL CONNECTION**
[54] **PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE A CONNEXION ELECTRIQUE MAINTENUE**
[72] YAGI, HIROAKI, JP
[72] SATO, YOSHIKUNI, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] YAGI, HIROAKI, ZZ
[73] SATO, YOSHIKUNI, ZZ
[73] HOTTA, NOBUYUKI, ZZ
[85] 2015-07-28
[86] 2013-12-26 (PCT/JP2013/007631)
[87] (WO2014/118867)
[30] JP (2013-016489) 2013-01-31

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[13] A1
[51] **Int.Cl. G09B 29/04 (2006.01)**
[25] EN
[54] **MAP FOLDED TO EXPOSE STAGGERED EDGES**
[54] **CARTE PLIEE POUR EXPOSER DES BORDS ETAGES**
[72] LYNCH, PETER M., CA
[73] LYNCH, PETER M., CA
[85] 2015-07-30
[86] 2013-02-19 (PCT/CA2013/050129)
[87] (WO2014/127447)

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[13] A1
[51] **Int.Cl. C21D 9/46 (2006.01) C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING GRAIN-ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE PRODUCTION DE TOLES D'ACIER ELECTRIQUE A GRAINS ORIENTES**
[72] UESAKA, MASANORI, JP
[72] IMAMURA, TAKESHI, JP
[72] SUEHIRO, RYUICHI, JP
[72] FUKUNAGA, TAKAYUKI, JP
[72] TAKAMIYA, TOSHITO, JP
[73] JFE STEEL CORPORATION, JP
[73] UESAKA, MASANORI, ZZ
[73] IMAMURA, TAKESHI, ZZ
[73] SUEHIRO, RYUICHI, ZZ
[73] FUKUNAGA, TAKAYUKI, ZZ
[73] TAKAMIYA, TOSHITO, ZZ
[85] 2015-08-03
[86] 2014-02-24 (PCT/JP2014/054371)
[87] (WO2014/132930)
[30] JP (2013-038891) 2013-02-28

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[13] A1
[51] **Int.Cl. D21F 3/06 (2006.01) D21F 3/08 (2006.01) D21G 9/00 (2006.01) G01D 5/02 (2006.01)**
[25] EN
[54] **INDUSTRIAL ROLL WITH TRIGGERING SYSTEM FOR SENSORS FOR OPERATIONAL PARAMETERS**
[54] **ROULEAU INDUSTRIEL COMPORTANT UN SYSTEME DE DECLENCHEMENT DESTINE A DES CAPTEURS POUR PARAMETRES DE FONCTIONNEMENT**
[72] CANTRELL, CLIFFORD BRUCE, US
[73] STOWE WOODWARD LICENSCO, LLC, US
[73] CANTRELL, CLIFFORD BRUCE, ZZ
[85] 2015-08-04
[86] 2014-04-17 (PCT/US2014/034446)
[87] (WO2014/172517)
[30] US (61/813,767) 2013-04-19

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[51] **Int.Cl. A23G 1/32 (2006.01) A23L 27/40 (2016.01) A23G 3/36 (2006.01)**
[25] EN
[54] **FOOD PRODUCTS COMPRISING A CALCIUM SALT**
[54] **PRODUITS ALIMENTAIRES COMPRENANT UN SEL DE CALCIUM**
[72] ELLEMAN, CAROLE JEAN, GB
[73] MONDELEZ UK R&D LIMITED, GB
[73] ELLEMAN, CAROLE JEAN, ZZ
[85] 2015-08-05
[86] 2014-03-19 (PCT/GB2014/050867)
[87] (WO2014/147400)
[30] GB (1305287.3) 2013-03-22

[11] **2,900,354**
[13] A1
[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING AUDIO FRAME LOSS CONCEALMENT**
[54] **PROCEDE ET APPAREIL DE GESTION DE LA DISSIMULATION DE PERTE DE TRAME AUDIO**
[72] BRUHN, STEFAN, SE
[72] SVEDBERG, JONAS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[73] BRUHN, STEFAN, ZZ
[73] SVEDBERG, JONAS, ZZ
[85] 2015-08-05
[86] 2014-01-22 (PCT/SE2014/050068)
[87] (WO2014/123471)
[30] US (61/761,051) 2013-02-05
[30] US (61/760,822) 2013-02-05
[30] US (61/760,814) 2013-02-05

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[13] A1
[51] **Int.Cl. E21B 47/022 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING GRADIENT MEASUREMENTS IN RANGING OPERATIONS**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE MESURES DE GRADIENT DANS DES OPERATIONS DE TELEMETRIE**
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] HAY, RICHARD THOMAS, ZZ
[85] 2015-08-06
[86] 2013-03-18 (PCT/US2013/032813)
[87] (WO2014/149030)

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[13] A1
[51] **Int.Cl. G01N 27/327 (2006.01) A61B 5/145 (2006.01) A61B 5/1473 (2006.01) A61B 5/1486 (2006.01) A61B 5/1495 (2006.01)**
[25] EN
[54] **METHODS OF USING INFORMATION FROM RECOVERY PULSES IN ELECTROCHEMICAL ANALYTE MEASUREMENTS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **PROCEDES D'UTILISATION D'INFORMATIONS ISSUES D'IMPULSIONS DE RECUPERATION LORS DE MESURES D'ANALYTES ELECTROCHIMIQUES, ET DISPOSITIFS, APPAREILS ET SYSTEMES LES INCORPORANT**
[72] CARPENTER, SCOTT E., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] CARPENTER, SCOTT E., ZZ
[85] 2015-08-07
[86] 2014-03-13 (PCT/EP2014/054943)
[87] (WO2014/140164)
[30] US (61/798,383) 2013-03-15

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[13] A1
[51] **Int.Cl. G01N 27/10 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **METHODS OF SCALING DATA USED TO CONSTRUCT BIOSENSOR ALGORITHMS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **PROCEDES DE MISE A L'ECHELLE DE DONNEES UTILISEES POUR CONSTRUIRE DES ALGORITHMES POUR DES CAPTEURS BIOLOGIQUES, AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES INCORPORANT LESDITS PROCEDES**
[72] BUCK, HARVEY, US
[72] CARPENTER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[72] VALVERDE-VENTURA, RENE, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] BUCK, HARVEY, ZZ
[73] CARPENTER, SCOTT E., ZZ
[73] PAN, ZHENG ZHENG, ZZ
[73] VALVERDE-VENTURA, RENE, ZZ
[85] 2015-08-07
[86] 2014-03-13 (PCT/EP2014/054952)
[87] (WO2014/140170)
[30] US (61/794,280) 2013-03-15

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[13] A1
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **METHODS OF FAILSAFING ELECTROCHEMICAL MEASUREMENTS OF AN ANALYTE AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **PROCEDES DE SURETE INTEGREE DE MESURES ELECTROCHIMIQUES D'UN ANALYTE AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES LES COMPRENANT**
[72] CARPENTER, SCOTT E., US
[72] CHITTAJALLU, SIVA, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] CARPENTER, SCOTT E., ZZ
[73] CHITTAJALLU, SIVA, ZZ
[85] 2015-08-11
[86] 2014-03-13 (PCT/EP2014/054955)
[87] (WO2014/140172)
[30] US (61/793,377) 2013-03-15

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[13] A1
[51] **Int.Cl. B65D 25/34 (2006.01) B32B 15/09 (2006.01) B65D 25/14 (2006.01)**
[25] EN
[54] **LAMINATED METAL SHEET FOR TWO-PIECE CAN AND TWO-PIECE LAMINATED CAN BODY**
[54] **FEUILLE METALLIQUE STRATIFIEE DESTINEE A DES BOITES DE CONSERVE EN DEUX PARTIES ET CORPS DE BOITE DE CONSERVE STRATIFIEE EN DEUX PARTIES**
[72] NAKAGAWA, YUSUKE, JP
[72] KITAGAWA, JUNICHI, JP
[72] YAMANAKA, YOICHIRO, JP
[72] TOBIYAMA, YOICHI, JP
[73] JFE STEEL CORPORATION, JP
[73] NAKAGAWA, YUSUKE, ZZ
[73] KITAGAWA, JUNICHI, ZZ
[73] YAMANAKA, YOICHIRO, ZZ
[73] TOBIYAMA, YOICHI, ZZ
[85] 2015-08-12
[86] 2013-12-26 (PCT/JP2013/084794)
[87] (WO2014/132541)
[30] JP (2013-038704) 2013-02-28

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[13] A1
[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/16 (2006.01) A61L 15/22 (2006.01)**
[25] EN
[54] **METHOD, KIT, AND TAPE FOR WOUND CARE**
[54] **METHODE, TROUSSE ET RUBAN DESTINES AU SOIN DE PLAIES**
[72] ARBESMAN, RAY, CA
[72] JESCHKE, MARC, CA
[73] SPIDERTECH INC., CA
[73] SUNNYBROOK RESEARCH INSTITUTE, CA
[86] (2901331)
[87] (2901331)
[22] 2015-08-21

[11] **2,901,395**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **MATCHING MOBILE DEVICE TO TRANSACTION AND/OR CUSTOMER ACCOUNT**
[54] **ETABLISSEMENT DE LA CORRESPONDANCE ENTRE UN APPAREIL MOBILE ET UN COMPTE DE TRANSACTION OU UN COMPTE CLIENT**
[72] OH, SANG YOON, US
[72] SHARGIL, YOAV, US
[72] GANDHI, DENNIS, US
[73] OH, SANG YOON, ZZ
[73] SHARGIL, YOAV, ZZ
[73] GANDHI, DENNIS, ZZ
[73] SEARS BRANDS, LLC, US
[86] (2901395)
[87] (2901395)
[22] 2015-08-24
[30] US (14/476,935) 2014-09-04

[11] **2,901,403**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) F16K 21/00 (2006.01)**
[25] EN
[54] **MAGNETIC COUPLING FOR SPRAYHEADS**
[54] **COUPLAGE MAGNETIQUE POUR TETES DE PULVERISATION**
[72] DAVIDSON, KYLE ROBERT, US
[72] ROSKO, MICHAEL SCOT, US
[72] NELSON, ALFRED CHARLES, US
[73] DAVIDSON, KYLE ROBERT, ZZ
[73] ROSKO, MICHAEL SCOT, ZZ
[73] NELSON, ALFRED CHARLES, ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2015-08-14
[86] 2014-02-21 (PCT/US2014/017696)
[87] (WO2014/130816)
[30] US (61/768,383) 2013-02-22

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[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **A BEVERAGE PREPARATION SYSTEM, A CAPSULE AND A METHOD FOR FORMING A BEVERAGE**
[54] **SYSTEME DE PREPARATION DE BOISSON, CAPSULE ET PROCEDE PERMETTANT DE PREPARER UNE BOISSON**
[72] CHAPMAN, ANDREW, GB
[72] BANISTER, STUART, GB
[72] JELLEY, SIMON, GB
[72] SHABUDIN, ESAK, GB
[72] HALLIDAY, ANDREW, GB
[73] CHAPMAN, ANDREW, ZZ
[73] BANISTER, STUART, ZZ
[73] JELLEY, SIMON, ZZ
[73] SHABUDIN, ESAK, ZZ
[73] HALLIDAY, ANDREW, ZZ
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-08-17
[86] 2014-05-16 (PCT/IB2014/000858)
[87] (WO2014/184652)
[30] GB (1308925.5) 2013-05-17
[30] GB (1308929.7) 2013-05-17

[11] **2,902,465**
[13] A1
[51] **Int.Cl. E03D 5/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING CROSS-TALK BETWEEN CAPACITIVE SENSORS**
[54] **APPAREIL ET PROCEDE POUR REDUIRE UNE DIAPHONIE MUTUELLE ENTRE DES CAPTEURS CAPACITIFS**
[72] VEROS, MICHAEL J., US
[72] SAWASKI, JOEL D., US
[72] SCHNEIDER, RANDY L., US
[73] VEROS, MICHAEL J., ZZ
[73] SAWASKI, JOEL D., ZZ
[73] SCHNEIDER, RANDY L., ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2015-08-25
[86] 2014-02-27 (PCT/US2014/018976)
[87] (WO2014/163930)
[30] US (13/798,406) 2013-03-13

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[13] A1
[51] **Int.Cl. B23K 9/007 (2006.01) B23K 9/26 (2006.01) B23K 9/32 (2006.01) B23K 11/11 (2006.01) B23K 11/30 (2006.01) B23K 11/31 (2006.01)**
[25] EN
[54] **IMPROVED WATER JACKET CONFIGURATION FOR SPOT WELDING ASSEMBLY**
[54] **CONFIGURATION DE CHEMISE D'EAU AMELIOREE DESTINEE A UN APPAREILLAGE DE SOUDURE PAR POINT**
[72] ELMOFTY, OMAR, US
[72] TAYLOR, STEVE, US
[73] HONDA MOTOR CO., LTD., JP
[73] ELMOFTY, OMAR, ZZ
[73] TAYLOR, STEVE, ZZ
[86] (2902839)
[87] (2902839)
[22] 2015-09-03

[11] 2,903,035
[13] A1
[51] **Int.Cl. C22C 38/04 (2006.01) C22C 38/02 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **NON-ORIENTED ELECTRICAL STEEL SHEET HAVING EXCELLENT HIGH-FREQUENCY IRON LOSS PROPERTY**
[54] **FEUILLE D'ACIER ELECTRIQUE NON ORIENTEE AYANT D'EXCELLENTES PROPRIETES DE PERTE DANS LE FER A HAUTE FREQUENCE**
[72] ODA, YOSHIHIKO, JP
[72] TODA, HIROAKI, JP
[72] KOSEKI, SHINJI, JP
[72] HIRATANI, TATSUHIKO, JP
[72] NAKANISHI, TADASHI, JP
[73] JFE STEEL CORPORATION, JP
[73] ODA, YOSHIHIKO, ZZ
[73] TODA, HIROAKI, ZZ
[73] KOSEKI, SHINJI, ZZ
[73] HIRATANI, TATSUHIKO, ZZ
[73] NAKANISHI, TADASHI, ZZ
[85] 2015-08-28
[86] 2014-03-12 (PCT/JP2014/056426)
[87] (WO2014/142149)
[30] JP (2013-053307) 2013-03-15

[11] 2,903,567
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **TELESCOPIC MAST**
[54] **MAT TELESCOPIQUE**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
[73] VETESNIK, JAN, CA
[86] (2903567)
[87] (2903567)
[22] 2015-09-08
[30] US (62183964) 2015-06-24

[11] 2,903,959
[13] A1
[51] **Int.Cl. G01S 19/51 (2010.01) G01S 19/28 (2010.01) G01S 19/41 (2010.01)**
[25] EN
[54] **RELATIVE POSITION CALCULATING SYSTEM FOR WORK MACHINE**
[54] **SYSTEME DE CALCUL DE POSITION RELATIVE POUR MACHINE DE TRAVAIL**
[72] BANDO, MIKIO, JP
[72] SATO, TAKAYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[73] BANDO, MIKIO, ZZ
[73] SATO, TAKAYUKI, ZZ
[73] ISHIMOTO, HIDEFUMI, ZZ
[85] 2015-09-03
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[87] (WO2015/016159)
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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CLAMPING A BLISTER WITHIN A DRY POWDER INHALER**
[54] **PROCEDE ET DISPOSITIF POUR SERRER UNE COQUE A L'INTERIEUR D'UN INHALATEUR A POUDRE SECHE**
[72] MOSIER, KENT D., US
[73] MICRODOSE THERAPEUTX, INC., US
[73] MOSIER, KENT D., ZZ
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020371)
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[30] US (13/840,577) 2013-03-15

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[13] A1
[51] **Int.Cl. B60T 8/17 (2006.01) B60L 7/24 (2006.01) B60L 15/20 (2006.01) B60T 8/1761 (2006.01) B60T 8/42 (2006.01)**
[25] EN
[54] **VEHICULAR BRAKE SYSTEM**
[54] **SYSTEME DE FREINAGE DE VEHICULE**
[72] UENO, MASAYUKI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] UENO, MASAYUKI, ZZ
[85] 2015-09-08
[86] 2014-03-28 (PCT/JP2014/059324)
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[30] JP (2013-069890) 2013-03-28

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[51] **Int.Cl. E21B 3/02 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **MULTI-SERVICE SUPPLY LINE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIGNE D'ALIMENTATION MULTISERVICES**
[72] KINGSLEY, ALAN ROSS, CA
[73] TESCO CORPORATION, US
[73] KINGSLEY, ALAN ROSS, CA
[85] 2015-09-08
[86] 2014-03-04 (PCT/US2014/020394)
[87] (WO2014/158825)
[30] US (13/804,615) 2013-03-14

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **UPSTREAM PILOT STRUCTURE IN POINT TO MULTIPOINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION SYSTEM**
[54] **STRUCTURE DE PILOTE AMONT DANS UN SYSTEME DE COMMUNICATION PAR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE POINT A MULTIPOINT**
[72] ZHANG, XIAOFENG, US
[72] OUYANG, TAO, US
[72] PAN, DAO, US
[72] SI, XIAOSHU, US
[72] RAHMAN, SYED, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] ZHANG, XIAOFENG, ZZ
[73] OUYANG, TAO, ZZ
[73] PAN, DAO, ZZ
[73] SI, XIAOSHU, ZZ
[73] RAHMAN, SYED, ZZ
[85] 2015-09-09
[86] 2014-03-11 (PCT/US2014/023410)
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[25] EN
[54] **ENGINE THRUST REVERSER LOCK**
[54] **VERROUILLAGE D'INVERSEUR DE POUSSEE DE MOTEUR**
[72] KOPECEK, JOSEPH THOMAS, US
[72] ANAYA, JESUS, MX
[72] STIEG, MICHAEL ALAN, US
[72] OZANICH, BRENT MICHAEL, US
[72] CONWAY, GEORGE, US
[72] MEARS, JOHN STEPHEN, US
[72] WILLETT, KENNETH, US
[73] WOODWARD HRT, INC., US
[73] KOPECEK, JOSEPH THOMAS, ZZ
[73] ANAYA, JESUS, ZZ
[73] STIEG, MICHAEL ALAN, ZZ
[73] OZANICH, BRENT MICHAEL, ZZ
[73] CONWAY, GEORGE, ZZ
[73] MEARS, JOHN STEPHEN, ZZ
[73] WILLETT, KENNETH, ZZ
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[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **EXPANDABLE BALL SEAT FOR HYDRAULICALLY ACTUATING TOOLS**
[54] **SIEGE DE ROTULE EXTENSIBLE POUR DES OUTILS A ACTIONNEMENT HYDRAULIQUE**
[72] CASTRO, CANDIDO, US
[73] WEATHERFORD/LAMB, INC., US
[73] CASTRO, CANDIDO, ZZ
[85] 2015-09-10
[86] 2014-03-11 (PCT/US2014/023103)
[87] (WO2014/164646)
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[25] EN
[54] **AUTOMATIC DRIVING SYSTEM FOR VEHICLE**
[54] **SYSTEME DE CONDUITE AUTOMATIQUE POUR VEHICULE**
[72] PARK, SU-MIN, KR
[73] PARK, SU-MIN, KR
[73] PARK, YOUNG-IL, KR
[85] 2015-09-11
[86] 2014-03-18 (PCT/KR2014/002257)
[87] (WO2014/163307)
[30] KR (10-2013-0035003) 2013-04-01

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[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **SPLIT FOLDBACK RINGS WITH ANTI-HOOPING BAND**
[54] **BAGUES FENDUES POUR UN DOUBLE DISPOSITIF DOTEES D'UNE BANDE ANTI-FRETTAGE**
[72] DERBY, MICHAEL C., US
[73] WEATHERFORD/LAMB, INC., US
[73] DERBY, MICHAEL C., ZZ
[85] 2015-09-11
[86] 2014-03-11 (PCT/US2014/023119)
[87] (WO2014/164651)
[30] US (61/777,523) 2013-03-12

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[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **DOUBLE COMPRESSION SET PACKER**
[54] **GARNITURE D'ETANCHEITE A MISE EN PLACE PAR DOUBLE COMPRESSION**
[72] DERBY, MICHAEL C., US
[72] GOODMAN, BRANDON C., US
[73] WEATHERFORD/LAMB, INC., US
[73] DERBY, MICHAEL C., ZZ
[73] GOODMAN, BRANDON C., ZZ
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023128)
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[51] **Int.Cl. E21B 33/129 (2006.01)**
[25] EN
[54] **BONDED SEGMENTED SLIPS**
[54] **COINS DE RETENUE SEGMENTES ASSEMBLES**
[72] MHASKAR, NAUMAN, US
[72] TREADAWAY, SHAWN J., US
[72] STAGE, MATTHEW, US
[72] YOUNG, JONATHAN A., US
[73] WEATHERFORD/LAMB, INC., US
[73] MHASKAR, NAUMAN, ZZ
[73] TREADAWAY, SHAWN J., ZZ
[73] STAGE, MATTHEW, ZZ
[73] YOUNG, JONATHAN A., ZZ
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023145)
[87] (WO2014/150398)
[30] US (61/789,467) 2013-03-15

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[13] A1
[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 2/30 (2006.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] KURIHARA, TAKUYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] KURIHARA, TAKUYA, ZZ
[86] (2906488)
[87] (2906488)
[22] 2015-09-29
[30] JP (2014-209749) 2014-10-14

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[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/00 (2006.01)**
[25] EN
[54] **A CONTAINMENT PROCESS FOR OIL SANDS TAILINGS**
[54] **UN PROCEDE DE CONFINEMENT DES RESIDUS DES SABLES BITUMINEUX**
[72] READ, PETER, CA
[72] BUCHANAN, GAIL, CA
[72] WANG, NAN, CA
[72] HALFERDAHL, GEOFFREY, CA
[72] DONAHUE, ROBERT, CA
[73] SYNCRUDE CANADA LTD., CA
[73] READ, PETER, CA
[73] BUCHANAN, GAIL, CA
[73] WANG, NAN, CA
[73] HALFERDAHL, GEOFFREY, CA
[73] DONAHUE, ROBERT, CA
[86] (2906576)
[87] (2906576)
[22] 2015-09-29
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[51] **Int.Cl. C10G 2/00 (2006.01)**
[25] EN
[54] **HYDROCARBON-PRODUCING APPARATUS AND HYDROCARBON-PRODUCING METHOD**
[54] **APPAREIL DE PRODUCTION D'HYDROCARBURES ET PROCEDE DE PRODUCTION D'HYDROCARBURES**
[72] ISHITO, YUKIFUMI, JP
[72] INOUE, JUNICHI, JP
[72] SHINGU, MASAKI, JP
[72] NAGANO, HARUKI, JP
[72] TASAKA, KAZUHIKO, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[73] ISHITO, YUKIFUMI, ZZ
[73] INOUE, JUNICHI, ZZ
[73] SHINGU, MASAKI, ZZ
[73] NAGANO, HARUKI, ZZ
[73] TASAKA, KAZUHIKO, ZZ
[85] 2015-09-22
[86] 2014-03-19 (PCT/JP2014/057562)
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[13] A1
[51] **Int.Cl. F01D 25/26 (2006.01) F01D 11/24 (2006.01) F01D 21/12 (2006.01)**
[25] EN
[54] **TURBINE ENGINE SHUTDOWN TEMPERATURE CONTROL SYSTEM WITH NOZZLE INJECTION FOR A GAS TURBINE ENGINE**
[54] **SYSTEME DE COMMANDE DE TEMPERATURE D'ARRET DE MOTEUR A TURBINE AVEC INJECTION PAR INJECTEUR POUR TURBINE A GAZ**
[72] LOHSE, UWE, DE
[72] LANDRUM, EVAN C., US
[72] ZHANG, JIPING, US
[72] CHEHAB, ABDULLATIF M., US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] LOHSE, UWE, ZZ
[73] LANDRUM, EVAN C., ZZ
[73] ZHANG, JIPING, ZZ
[73] CHEHAB, ABDULLATIF M., ZZ
[85] 2015-09-22
[86] 2014-03-11 (PCT/US2014/023326)
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[30] US (13/855,756) 2013-04-03

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[13] A1
[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 8/04007 (2016.01) H01M 8/2457 (2016.01)**
[25] EN
[54] **FUEL GAS FLOW PATH IN A SOLID OXIDE FUEL CELL**
[54] **PARCOURS D'ECOULEMENT DE GAZ COMBUSTIBLE DANS UNE PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] TSUGA, SHUNSUKE, JP
[72] SHICHIDA, TAKAFUMI, JP
[72] MORIKAWA, TETSUYA, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] TSUGA, SHUNSUKE, ZZ
[73] SHICHIDA, TAKAFUMI, ZZ
[73] MORIKAWA, TETSUYA, ZZ
[73] HOTTA, NOBUYUKI, ZZ
[85] 2015-09-23
[86] 2014-02-05 (PCT/JP2014/052659)
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[30] JP (2013-072922) 2013-03-29

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **INTERACTIVE ELEMENTS IN A USER INTERFACE**
[54] **ELEMENTS INTERACTIFS DANS UNE INTERFACE UTILISATEUR**
[72] LUU, FRANCIS, US
[72] FLYNN, WILLIAM JOSEPH, III, US
[73] FACEBOOK, INC., US
[73] LUU, FRANCIS, ZZ
[73] FLYNN, WILLIAM JOSEPH, III, ZZ
[85] 2015-09-24
[86] 2014-04-01 (PCT/US2014/032516)
[87] (WO2014/165508)
[30] US (61/807,432) 2013-04-02
[30] US (13/959,678) 2013-08-05

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[13] A1
[51] **Int.Cl. G01M 11/02 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE SPATIAL STRUCTURE OF AN OBJECT**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LA STRUCTURE SPATIALE D'UN OBJET**
[72] GLASENAPP, CARSTEN, DE
[72] HORNAUER, MATTHIAS, DE
[72] HANSSEN, ADALBERT, DE
[72] SCHLEITZER, YVONNE, DE
[72] OMLOR, LARS, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[73] CARL ZEISS AG, DE
[73] GLASENAPP, CARSTEN, ZZ
[73] HORNAUER, MATTHIAS, ZZ
[73] HANSSEN, ADALBERT, ZZ
[73] SCHLEITZER, YVONNE, ZZ
[73] OMLOR, LARS, ZZ
[85] 2015-09-24
[86] 2014-04-30 (PCT/EP2014/058859)
[87] (WO2014/177632)
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[30] DE (10 2013 208 091.3) 2013-05-02
[30] DE (10 2013 219 838.8) 2013-09-30

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[51] **Int.Cl. G01N 11/16 (2006.01)**
[25] EN
[54] **VIBRATORY SENSOR AND METHOD OF VARYING VIBRATION IN A VIBRATORY SENSOR**
[54] **CAPTEUR DE VIBRATIONS ET PROCEDE DE VARIATION DE VIBRATION DANS UN CAPTEUR DE VIBRATIONS**
[72] KRAVITZ, ANDREW S., US
[72] MCANALLY, CRAIG B., US
[73] MICRO MOTION, INC., US
[73] KRAVITZ, ANDREW S., ZZ
[73] MCANALLY, CRAIG B., ZZ
[85] 2015-10-06
[86] 2013-05-31 (PCT/US2013/043568)
[87] (WO2014/175902)
[30] US (61/816,221) 2013-04-26

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[51] **Int.Cl. E04H 17/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE FENCE**
[54] **CLOTURE AJUSTABLE**
[72] WU, CHUN-YIN, CN
[73] HUDSON HARDWARE & PLASTICS CO., LIMITED, CN
[73] WU, CHUN-YIN, ZZ
[86] (2910378)
[87] (2910378)
[22] 2015-10-27
[30] TW (104127109) 2015-08-20

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[13] A1
[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] CHUN, DONG WON, KR
[72] NAM, YEON YOUNG, KR
[72] YUN, DEOK SANG, KR
[72] CHOI, HWAN WOONG, KR
[72] PARK, YU NA, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] CHUN, DONG WON, ZZ
[73] NAM, YEON YOUNG, ZZ
[73] YUN, DEOK SANG, ZZ
[73] CHOI, HWAN WOONG, ZZ
[73] PARK, YU NA, ZZ
[85] 2015-10-26
[86] 2014-06-10 (PCT/KR2014/005069)
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[30] KR (10-2013-0067002) 2013-06-12

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[51] **Int.Cl. F16F 15/04 (2006.01) E01D 19/00 (2006.01) E04H 9/02 (2006.01)**
[25] EN
[54] **FRICTION-DAMPING ENERGY ABSORBER**
[54] **ABSORBEUR D'ENERGIE AMORTISSANT LA FRICTION**
[72] TSAI, CHONG-SHIEN, TW
[73] TSAI, CHONG-SHIEN, TW
[86] (2910497)
[87] (2910497)
[22] 2015-10-27
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[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/422 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE BENZIMIDAZOLE EN TANT QU'INHIBITEURS DE BROMODOMAINE**
[72] AKTOUDIANAKIS, EVANGELOS, US
[72] CHIN, GREGORY, US
[72] CORKEY, BRITTON KENNETH, US
[72] DU, JINFA, US
[72] ELBEL, KRISTYNA, US
[72] JIANG, ROBERT H., US
[72] KOBAYASHI, TETSUYA, US
[72] LEE, RICK, US
[72] MARTINEZ, RUBEN, US
[72] METOBO, SAMUEL E., US
[72] MISH, MICHAEL, US
[72] MUNOZ, MANUEL, US
[72] SHEVICK, SOPHIE, US
[72] SPERANDIO, DAVID, US
[72] YANG, HAI, US
[72] ZABLOCKI, JEFF, US
[73] GILEAD SCIENCES, INC., US
[73] AKTOUDIANAKIS, EVANGELOS, ZZ
[73] CHIN, GREGORY, ZZ
[73] CORKEY, BRITTON KENNETH, ZZ
[73] DU, JINFA, ZZ
[73] ELBEL, KRISTYNA, ZZ
[73] JIANG, ROBERT H., ZZ
[73] KOBAYASHI, TETSUYA, ZZ
[73] LEE, RICK, ZZ
[73] MARTINEZ, RUBEN, ZZ
[73] METOBO, SAMUEL E., ZZ
[73] MISH, MICHAEL, ZZ
[73] MUNOZ, MANUEL, ZZ
[73] SHEVICK, SOPHIE, ZZ
[73] SPERANDIO, DAVID, ZZ
[73] YANG, HAI, ZZ
[73] ZABLOCKI, JEFF, ZZ
[85] 2015-11-03
[86] 2014-05-08 (PCT/US2014/037344)
[87] (WO2014/182929)
[30] US (61/821,612) 2013-05-09
[30] US (61/826,912) 2013-05-23
[30] US (61/860,229) 2013-07-30
[30] US (61/951,347) 2014-03-11

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[13] A1
[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/0438 (2016.01) H01M 8/04537 (2016.01) H01M 8/04701 (2016.01)**
[25] EN
[54] **A COOLING SYSTEM FOR A FUEL CELL SYSTEM**
[54] **UN SYSTEME DE REFROIDISSEMENT DESTINE A UN SYSTEME DE PILE A COMBUSTIBLE**
[72] YAMADA, TAKASHI, JP
[72] IMANISHI, HIROYUKI, JP
[72] OKAMOTO, YOHEI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] YAMADA, TAKASHI, ZZ
[73] IMANISHI, HIROYUKI, ZZ
[73] OKAMOTO, YOHEI, ZZ
[86] (2911579)
[87] (2911579)
[22] 2015-11-06
[30] JP (2014-230188) 2014-11-12

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[13] A1
[51] **Int.Cl. B60K 15/05 (2006.01)**
[25] EN
[54] **CAP**
[54] **BOUCHON**
[72] ONISHI, HIROFUMI, JP
[72] KONDO, MASAAKI, JP
[72] YAMASHITA, AKIRA, JP
[72] FURUTA, YUJI, JP
[72] YOSHIDA, YUKIO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] ONISHI, HIROFUMI, ZZ
[73] KONDO, MASAAKI, ZZ
[73] YAMASHITA, AKIRA, ZZ
[73] FURUTA, YUJI, ZZ
[73] YOSHIDA, YUKIO, ZZ
[86] (2911583)
[87] (2911583)
[22] 2015-11-06
[30] JP (2014-232038) 2014-11-14

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[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01) F21K 9/60 (2016.01) G02B 6/10 (2006.01)**
[25] EN
[54] **ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] KINOSHITA, SEIJI, JP
[73] KURARAY CO., LTD., JP
[73] KINOSHITA, SEIJI, ZZ
[85] 2015-11-06
[86] 2014-05-09 (PCT/JP2014/062467)
[87] (WO2014/181865)
[30] JP (2013-100025) 2013-05-10

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[13] A1
[51] **Int.Cl. F01K 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF SEMI-CENTRALIZED POWER STORAGE AND POWER PRODUCTION FOR MULTI-DIRECTIONAL SMART GRID AND OTHER APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE D'ENERGIE SEMI-CENTRALISE ET DE PRODUCTION D'ENERGIE POUR RESEAU ELECTRIQUE INTELLIGENT MULTIDIRECTIONNEL ET AUTRES APPLICATIONS**
[72] VANDOR, DAVID, US
[73] EXPANSION ENERGY LLC, US
[73] VANDOR, DAVID, ZZ
[85] 2015-11-06
[86] 2014-04-29 (PCT/US2014/035802)
[87] (WO2014/182498)
[30] US (13/890,917) 2013-05-09

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[13] A1
[51] **Int.Cl. B60B 21/02 (2006.01) B60B 21/12 (2006.01)**
[25] EN
[54] **WHEEL FOR VEHICLE**
[54] **ROUE POUR VEHICULE**
[72] ISHII, KATSUSHI, JP
[72] ISHIZUKA, ATSUSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] ISHII, KATSUSHI, ZZ
[73] ISHIZUKA, ATSUSHI, ZZ
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[54] **METHOD FOR INHIBITING OCCURRENCE OF PYROLYSIS DEPOSIT IN PYROLYSIS GASIFICATION SYSTEM, AND PYROLYSIS GASIFICATION SYSTEM**
[54] **PROCEDE PERMETTANT D'INHIBER L'APPARITION DE DEPOT PYROLYTIQUE DANS UN SYSTEME DE GAZEIFICATION PAR PYROLYSE, ET SYSTEME DE GAZEIFICATION PAR PYROLYSE**
[72] ENDOU, YUUKI, JP
[72] KITTA, TAKEHIRO, JP
[72] KAKURATA, KAZUAKI, JP
[72] ABE, JUNICHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[73] ENDOU, YUUKI, ZZ
[73] KITTA, TAKEHIRO, ZZ
[73] KAKURATA, KAZUAKI, ZZ
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[54] **SOUPAPE ET DIAPHRAGME POUR UNE POMPE**
[72] SANTA, DAVID LUIZ, AU
[73] JOE SANTA & ASSOCIATES PTY LIMITED, AU
[73] SANTA, DAVID LUIZ, ZZ
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[54] **FLUID CONTAINMENT AND MANAGEMENT SYSTEM**
[54] **SYSTEME DE RETENTION ET DE GESTION DES FLUIDES**
[72] NOLT, DAVID A., US
[73] D.A. NOLT, INC., US
[73] NOLT, DAVID A., ZZ
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[54] **RECYCLED HOT ASPHALT MIXTURE PRODUCTION METHOD**
[54] **PROCEDE DE FABRICATION D'ASPHALTE MELANGE A CHAUD RECYCLE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] EMUKAI, TOSHIHUMI, JP
[73] MAEDA ROAD CONSTRUCTION CO.,LTD, JP
[73] MORIYASU, HIROCHIKA, ZZ
[73] KOSHI, KENTARO, ZZ
[73] EMUKAI, TOSHIHUMI, ZZ
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[54] **HELICAL PILE COUPLER, ASSEMBLY, AND METHOD**
[54] **RACCORD DE PIEU HELICOIDAL, ENSEMBLE ET METHODE**
[72] LI, BAOCHENG, CA
[73] 351471 ALBERTA LTD., CA
[73] LI, BAOCHENG, CA
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[54] **CEMENT ADMIXTURE INCLUDING POLYMERS**
[54] **MELANGE DE CIMENT COMPRENANT DES POLYMERES**
[72] PISKLAK, THOMAS J., US
[72] LEWIS, SAM J., US
[72] BOUL, PETER JAMES, US
[72] OTIENO, PAULINE AKINYI, US
[72] AGAPIOU, KYRIACOS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PISKLAK, THOMAS J., ZZ
[73] LEWIS, SAM J., ZZ
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[73] OTIENO, PAULINE AKINYI, ZZ
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[54] **MULTI-FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES**
[54] **SYSTEME MULTICARBURANT POUR DES MOTEURS A COMBUSTION INTERNE**
[72] MONROS, SERGE V., US
[73] MONROS, SERGE V., US
[85] 2015-12-10
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[54] **COLLAPSIBLE BOX MAKING EQUIPMENT**
[54] **EQUIPEMENT DE FABRICATION DE BOITE ECRASABLE**
[72] GOTTLIEB, BRIAN JEFF, CA
[73] GOTTLIEB, BRIAN JEFF, CA
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[25] EN
[54] **SWIVELING SUPPORT FOR AMENITIES**
[54] **SUPPORT PIVOTANT POUR APPAREILS**
[72] HERFT, TERENCE, US
[73] HERFT, TERENCE, US
[86] (2916620)
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[54] **WIDE-MOUTH CONTAINER WITH HANDLE**
[54] **CONTENANT A GRANDE OUVERTURE EQUIPE D'UNE POIGNEE**
[72] KIRKPATRICK, JOE, CA
[73] MAMMOTH MUG INC., CA
[73] KIRKPATRICK, JOE, CA
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[54] **BALL HITCH WITH LOCKING SWIVEL AND RAMP**
[54] **ROTULE D'ATTELAGE AVEC PIVOT ET RAMPE DE VERROUILLAGE**
[72] OLSON, BRIAN R., CA
[73] POWER PIN INC., CA
[73] OLSON, BRIAN R., CA
[85] 2016-01-04
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[54] **MECHANICAL STRUCTURAL COMPONENT AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSANT STRUCTURAL MECANIQUE ET SON PROCEDE DE FABRICATION**
[72] IMANAMI, YUTA, JP
[72] IWAMOTO, TAKASHI, JP
[72] UWAI, KIYOSHI, JP
[73] JFE STEEL CORPORATION, JP
[73] IMANAMI, YUTA, ZZ
[73] IWAMOTO, TAKASHI, ZZ
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[54] **DISPOSITIF D'INTRODUCTION POUR CATHETER INTRAVASCULAIRE**
[72] FARLEY, SEAN S., US
[72] RATINER, BORIS, US
[73] FARLEY, SEAN S., US
[73] RATINER, BORIS, US
[85] 2016-01-04
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[54] **SYNCHRONISATION PAR BARRIERE AVEC CALCUL DYNAMIQUE DE LARGEUR**
[72] GASTER, BENEDICT RUBEN, US
[73] QUALCOMM INCORPORATED, US
[73] GASTER, BENEDICT RUBEN, ZZ
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[54] **SELF-CLEANING EXTENSIBLE SNOW BRUSH AND FLEXIBLE SCRAPER**
[54] **BROSSE DE DENEIGEMENT EXTENSIBLE AUTO-NETTOYANTE ET GRATTOIR SOUPLE**
[72] LAFLEUR, ANDRE, CA
[73] LAFLEUR, ANDRE, CA
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[54] **METAL ALKOXIDES, APPARATUS FOR MANUFACTURING METAL ALKOXIDES, RELATED METHODS AND USES THEREOF**
[54] **ALCOXYDES METALLIQUES, APPAREIL DE FABRICATION D'ALCOXYDES METALLIQUES, PROCEDES ET UTILISATIONS ASSOCIES**
[72] DUTTA, PARTHA S., US
[72] LEWIS, SARAH L., US
[72] LITZ, KYLE E., US
[72] ROSSETTI, MARK N., US
[72] JORDAN, TRACEY M., US
[72] VREELAND, JENNIFER L., US
[73] DUTTA, PARTHA S., ZZ
[73] LEWIS, SARAH L., ZZ
[73] LITZ, KYLE E., ZZ
[73] ROSSETTI, MARK N., ZZ
[73] JORDAN, TRACEY M., ZZ
[73] VREELAND, JENNIFER L., ZZ
[73] AUTERRA, INC., US
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[25] EN
[54] **IMPROVED WEAR POLYTETRAFLUOROETHYLENE (PTFE) FIBER AND METHOD OF MAKING SAME**
[54] **FIBRE DE POLYTETRAFLUOROETHYLENE (PTFE) A RESISTANCE A L'USURE AMELIOREE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] MOON, CHESTER DARRYL, US
[72] NELSON, ARTHUR RUSSELL, US
[72] GULDSTRAND, TREVOR, US
[72] HUTTO, MATT, US
[73] TORAY FLUOROFIBERS (AMERICA), INC., US
[73] MOON, CHESTER DARRYL, ZZ
[73] NELSON, ARTHUR RUSSELL, ZZ
[73] GULDSTRAND, TREVOR, ZZ
[73] HUTTO, MATT, ZZ
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[54] **PROCESS FOR TREATING WASTE FEEDSTOCK AND GASIFIER FOR SAME**
[54] **PROCEDE DE TRAITEMENT D'UNE CHARGE D'ALIMENTATION CONSTITUEE DE DECHETS ET REACTEUR DE GAZEIFICATION A CET EFFET**
[72] FORD, DARRELL, CA
[72] DAVISON, KEN, CA
[73] IQ ENERGY INC., CA
[73] FORD, DARRELL, CA
[73] DAVISON, KEN, CA
[85] 2016-01-20
[86] 2015-06-01 (PCT/CA2015/050505)
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[25] EN
[54] **DISPERSION CORRECTION FOR FMCW RADAR IN A PIPE OR TUBE**
[54] **CORRECTION DE DISPERSION DE RADAR FMCW DANS UN TUYAU OU UN TUBE**
[72] MALINOVSKIY, ALEXEY, DE
[72] PFLUGER, STEFAN, DE
[72] MAYER, WINFRIED, DE
[73] ENDRESS+HAUSER GMBH+CO. KG, DE
[73] MALINOVSKIY, ALEXEY, ZZ
[73] PFLUGER, STEFAN, ZZ
[73] MAYER, WINFRIED, ZZ
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[54] **REMOVAL OF STICK-SLIP VIBRATIONS IN A DRILLING ASSEMBLY**
[54] **ENLEVEMENT DE VIBRATIONS DE GLISSEMENT SACCADE DANS UN ENSEMBLE DE FORAGE**
[72] DYKSTRA, JASON D., US
[72] BU, FANPING, US
[72] XUE, YUZHEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] DYKSTRA, JASON D., ZZ
[73] BU, FANPING, ZZ
[73] XUE, YUZHEN, ZZ
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[54] **ENGINE-DRIVEN GENERATOR**
[54] **GENERATEUR ENTRAINE PAR UN MOTEUR**
[72] TAKAHASHI, YUKI, JP
[72] SHIMOZONO, KAZUKI, JP
[72] YANAI, KIYOMI, JP
[72] KASE, TAKUO, JP
[73] TAKAHASHI, YUKI, ZZ
[73] SHIMOZONO, KAZUKI, ZZ
[73] YANAI, KIYOMI, ZZ
[73] KASE, TAKUO, ZZ
[73] HONDA MOTOR CO., LTD., JP
[86] (2920739)
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[54] **ELECTRIC MOTOR STORING DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE RANGEMENT DE MOTEUR ELECTRIQUE POUR VEHICULE HYBRIDE**
[72] TAKENO, MOTOKI, JP
[72] KODAMA, TAKUYA, JP
[72] KAWAMOTO, KOKI, JP
[72] KIYOKAMI, HIROAKI, JP
[72] ISARAI, RYOJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TAKENO, MOTOKI, ZZ
[73] KODAMA, TAKUYA, ZZ
[73] KAWAMOTO, KOKI, ZZ
[73] KIYOKAMI, HIROAKI, ZZ
[73] ISARAI, RYOJI, ZZ
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[25] EN
[54] **QUICK CONNECT FOR WELLBORE TUBULARS**
[54] **RACCORD RAPIDE POUR TUBULAIRES DE PUITS DE FORAGE**
[72] DIETZ, WESLEY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] DIETZ, WESLEY PAUL, ZZ
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[54] **METHOD AND SYSTEM FOR INERTIAL CONFINEMENT FUSION REACTIONS**
[54] **METHODE ET MECANISME DE REACTIONS DE FUSION PAR CONFINEMENT INERTIEL**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[73] BIRNBACH, CURTIS A., ZZ
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[54] **SYNERGISTIC CHEMISTRY TO PREVENT SILICATE SCALING**
[54] **CHIMIE SYNERGIQUE DESTINEE A EVITER LA FORMATION DE TARTRE DE SILICATE**
[72] BROOKS, JOHNATHON L., US
[72] JACKSON, TRACEY, US
[73] BAKER HUGHES INCORPORATED, US
[73] BROOKS, JOHNATHON L., ZZ
[73] JACKSON, TRACEY, ZZ
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[54] **A METAL OXIDE DISPERSION AND USES THEREOF**
[54] **DISPERSION D'OXYDE METALLIQUE ET SES UTILISATIONS**
[72] BREITKOPF, RICHARD CHARLES, US
[72] PANICKER, RAHUL, US
[73] NOVARTIS AG, CH
[73] BREITKOPF, RICHARD CHARLES, ZZ
[73] PANICKER, RAHUL, ZZ
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[25] EN
[54] **SOLAR POWERED SAMPLE ANALYZING SYSTEM USING A FIELD DEPLOYED ANALYTICAL INSTRUMENTATION AND VACUUM JACKETED SMALL DIAMETER TUBING**
[54] **SYSTEME D'ANALYSE D'ECHANTILLON ALIMENTE PAR LE SOLEIL UTILISANT UNE INSTRUMENTATION ANALYTIQUE DEPLOYE EN CHAMP ET UN TUBAGE DE PETIT DIAMETRE CHEMISE SOUS VIDE**
[72] THOMPSON, KENNETH O., US
[72] ROLSTON, CLAUDE A., US
[72] QUERREY, TIMOTHY, US
[72] COOK, CHARLES F., US
[73] MUSTANG SAMPLING, LLC, US
[73] THOMPSON, KENNETH O., ZZ
[73] ROLSTON, CLAUDE A., ZZ
[73] QUERREY, TIMOTHY, ZZ
[73] COOK, CHARLES F., ZZ
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[54] **ULTRASONIC MATCHING LAYER AND TRANSDUCER**
[54] **COUCHE D'ADAPTATION ULTRASONORE ET TRANSDUCTEUR ASSOCIE**
[72] CHAGGARES, N. CHRIS, CA
[72] MEHI, JAMES, CA
[72] HIRSON, DESMOND, CA
[73] FUJIFILM SONOSITE, INC., US
[73] CHAGGARES, N. CHRIS, CA
[73] MEHI, JAMES, CA
[73] HIRSON, DESMOND, CA
[86] (2928337)
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[25] EN
[54] **TENSIONING ELEMENT FOR TENSIONING A JUMPING MAT ON A FRAME OF A TRAMPOLINE**
[54] **ELEMENT TENDEUR PERMETTANT DE TENDRE UNE TOILE DE REBOND SUR LE CADRE D'UN TRAMPOLINE**
[72] HEYMANS, JOACHIM, DE
[73] HEYMANS, JOACHIM, DE
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[25] FR
[54] **ENGINE FAILURE MANAGEMENT PROCESS AND DEVICE FOR AN AIRCRAFT TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE PANNES AVEC UN SYSTEME DE GESTION D'UN TURBOMOTEUR D'UN AERONEF**
[72] LEYDER, SYLVIE, FR
[73] AIRBUS HELICOPTERS, FR
[73] LEYDER, SYLVIE, ZZ
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[54] **AMORTISSEUR HYDRAULIQUE**
[72] LI, TIANWEI, CN
[72] LI, HANGYUE, CN
[73] LI, TIANWEI, CN
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[25] EN
[54] **INDAZOLE COMPOUNDS AS 5-HT4 RECEPTOR AGONISTS**
[54] **COMPOSES D'INDAZOLE EN TANT QU'AGONISTES DE RECEPTEUR DE 5-HT4**
[72] NIROGI, RAMAKRISHNA, IN
[72] MOHAMMED, ABDUL RASHEED, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] GAGGINAPALLY, SHANKAR REDDY, IN
[72] JASTI, VENKATESWARLU, IN
[73] SUVEN LIFE SCIENCES LIMITED, IN
[73] NIROGI, RAMAKRISHNA, ZZ
[73] MOHAMMED, ABDUL RASHEED, ZZ
[73] SHINDE, ANIL KARBHARI, ZZ
[73] GAGGINAPALLY, SHANKAR REDDY, ZZ
[73] JASTI, VENKATESWARLU, ZZ
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[25] EN
[54] **CLUTCH HYDRAULIC PRESSURE CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE PRESSION HYDRAULIQUE D'EMBRAYAGE**
[72] MITSUBORI, TOSHIMASA, JP
[72] ARAI, DAI, JP
[72] FUMIMOTO, YASUSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] MITSUBORI, TOSHIMASA, ZZ
[73] ARAI, DAI, ZZ
[73] FUMIMOTO, YASUSHI, ZZ
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[22] 2016-07-18
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[54] **BIOMARKER NORMALIZATION**
[54] **NORMALISATION DE BIOMARQUEUR**
[72] SULLIVAN, BENJAMIN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] SULLIVAN, BENJAMIN, ZZ
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[25] EN
[54] **A MAGNETICALLY GEARED ELECTRIC DRIVE**
[54] **ENTRAINEMENT ELECTRIQUE A ENGRENAGE MAGNETIQUE**
[72] CLAUS, BRIAN, CA
[72] BACHMAYER, RALF, CA
[72] MACNEIL, LEVI, CA
[73] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
[73] CLAUS, BRIAN, CA
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[73] MACNEIL, LEVI, CA
[85] 2016-08-02
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[25] EN
[54] **METHOD TO ROUTE PACKETS IN A DISTRIBUTED DIRECT INTERCONNECT NETWORK**
[54] **PROCEDE D'ACHEMINEMENT DE PAQUETS DANS UN RESEAU DIRECT D'INTERCONNEXION DISTRIBUE**
[72] OPREA, DAN, CA
[72] CATANA, ANDREI, CA
[72] NEUSTADTER, UDO, CA
[73] ROCKPORT NETWORKS INC., CA
[73] OPREA, DAN, CA
[73] CATANA, ANDREI, CA
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[86] 2015-02-13 (PCT/CA2015/000081)
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[25] EN
[54] **PROCESSES FOR PRODUCING HYDROCARBONS FROM A RESERVOIR**
[54] **PROCEDES DE PRODUCTION D'HYDROCARBURES A PARTIR D'UN RESERVOIR**
[72] HARDING, THOMAS, CA
[72] KERR, RICHARD KELSO, CA
[72] HOWE, ANN CHEN, CA
[73] NEXEN ENERGY ULC, CA
[73] HARDING, THOMAS, CA
[73] KERR, RICHARD KELSO, CA
[73] HOWE, ANN CHEN, CA
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[54] **IMPEDANCE MEASURING DEVICE AND CONTROL METHOD FOR IMPEDANCE MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE D'IMPEDANCE ET PROCEDE DE COMMANDE DE DISPOSITIF DE MESURE D'IMPEDANCE**
[72] AOKI, TETSUYA, JP
[72] SAKAI, MASANOBU, JP
[72] MATSUMOTO, MICHIHIKO, JP
[72] NISHIMURA, HIDETAKA, JP
[72] SATO, MASASHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] AOKI, TETSUYA, ZZ
[73] SAKAI, MASANOBU, ZZ
[73] MATSUMOTO, MICHIHIKO, ZZ
[73] NISHIMURA, HIDETAKA, ZZ
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[54] **BALL HITCH WITH LOCKING SWIVEL AND RAMP**
[54] **ROTULE D'ATTELAGE COMPORTANT UN DISPOSITIF A PIVOT A VERROU ET UNE RAMPE**
[72] OLSON, BRIAN R., CA
[73] POWER PIN INC., CA
[73] OLSON, BRIAN R., CA
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[54] **LASER-INDUCED BREAKDOWN SPECTROSCOPY OF OIL SANDS**
[54] **SPECTROSCOPIE DE SABLES BITUMINEUX PAR FRACTIONNEMENT INDUIT PAR LASER**
[72] PAPROSKI, RICHARD, CA
[72] HARHIRA, AISSA, CA
[72] DUFORD, DAVID, CA
[72] EL HADDAD, JOSETTE, CA
[72] DAUGELA, DARCY, CA
[72] BLOUIN, ALAIN, CA
[72] SABSABI, MOHAMAD, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] PAPROSKI, RICHARD, CA
[73] HARHIRA, AISSA, CA
[73] DUFORD, DAVID, CA
[73] EL HADDAD, JOSETTE, CA
[73] DAUGELA, DARCY, CA
[73] BLOUIN, ALAIN, CA
[73] SABSABI, MOHAMAD, CA
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[51] **Int.Cl. G01M 15/14 (2006.01) B64D 33/00 (2006.01) G06F 1/20 (2006.01)**
[25] FR
[54] **METHOD FOR STARTING A FAN OPERATION TEST**
[54] **PROCEDE DE DEMARRAGE DE TEST DE FONCTIONNEMENT DE VENTILATEUR**
[72] SCHINI, YANNICK, FR
[72] RODHAIN, ARNAUD, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[73] SCHINI, YANNICK, ZZ
[73] RODHAIN, ARNAUD, ZZ
[85] 2016-11-21
[86] 2015-05-19 (PCT/FR2015/051308)
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[25] EN
[54] **POWER PLANT**
[54] **CENTRALE ELECTRIQUE**
[72] NAKAYAMA, SHIGERU, JP
[73] HONDA MOTOR CO., LTD., JP
[73] NAKAYAMA, SHIGERU, ZZ
[85] 2016-11-28
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[54] **PHARMACEUTICAL COMPOSITION THAT COMBINES AN ANTICONVULSANT AND A NICOTINIC ACID DERIVATIVE**
[54] **COMPOSITION PHARMACEUTIQUE COMBINANT UN ANTICONVULSIVANT ET UN DERIVE DE L'ACIDE NICOTINIQUE**
[72] AGUILERA SUAREZ, GRACIELA DE LOS ANGELES, MX
[72] GOMEZ SANCHEZ, CARMEN MIGUEL, MX
[72] JUAREZ LORA, MARTHA ROSAURA, MX
[73] FARMACEUTICOS RAYERE, S.A., MX
[73] AGUILERA SUAREZ, GRACIELA DE LOS ANGELES, ZZ
[73] GOMEZ SANCHEZ, CARMEN MIGUEL, ZZ
[73] JUAREZ LORA, MARTHA ROSAURA, ZZ
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[25] EN
[54] **HYBRID-IMAGE DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGES HYBRIDES**
[72] FOSTER, NEIL ANDREW, CA
[72] MARDON, GREGORY SCOTT, CA
[73] FOSTER, NEIL ANDREW, CA
[73] MARDON, GREGORY SCOTT, CA
[85] 2017-01-31
[86] 2016-05-13 (PCT/IB2016/052802)
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[25] EN
[54] **AIR MOTOR**
[54] **MOTEUR A AIR**
[72] GLAUBER, CARL J., US
[73] WILDEN PUMP AND ENGINEERING LLC, US
[73] GLAUBER, CARL J., ZZ
[85] 2017-04-18
[86] 2015-10-26 (PCT/US2015/057345)
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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/103 (2006.01) A61B 3/107 (2006.01)**
[25] EN
[54] **ASSESSMENT OF TOPOGRAPHIC SEMI-MERIDIAN PARAMETERS FOR CORNEAL ASTIGMATISM ANALYSIS AND VECTOR PLANNING TREATMENT**
[54] **EVALUATION DE PARAMETRES SEMI-MERIDIENS TOPOGRAPHIQUES POUR L'ANALYSE D'ASTIGMATISME DE LA CORNEE ET TRAITEMENT DE PLANIFICATION DE VECTEUR**
[72] ALPINS, NOEL AMI, AU
[73] ALPINS, NOEL AMI, AU
[86] (2968687)
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[22] 2012-05-18
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[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/10 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FIXATION, ALIGNMENT, AND/OR SACCADIC MEASUREMENTS TO IDENTIFY AND/OR TRACK BRAIN FUNCTION**
[54] **METHODE ET APPAREIL DESTINES AUX MESURES DE FIXATION, ALIGNEMENT OU SACCADE PERMETTANT DE DETERMINER OU SUIVRE LA FONCTION CEREBRALE**
[72] GOLDSTEIN, LEE, US
[72] SHAKA, JUSTIN, US
[72] WINSOR, ROBERT, US
[72] YING, HOWARD, US
[73] REBISCAN, INC., US
[73] GOLDSTEIN, LEE, ZZ
[73] SHAKA, JUSTIN, ZZ
[73] WINSOR, ROBERT, ZZ
[73] YING, HOWARD, ZZ
[85] 2017-06-20
[86] 2017-01-12 (PCT/US2017/013116)
[87] (2971330)
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[51] **Int.Cl. B63B 3/06 (2006.01) B63B 3/18 (2006.01) B63B 35/00 (2006.01) E01D 15/14 (2006.01) E02B 3/06 (2006.01)**
[25] EN
[54] **FLOATING PLATFORM MODULE**
[54] **MODULE DE PLATE-FORME FLOTTANT**
[72] SIMOLA, CHARLES, US
[73] SIMOLA, CHARLES, US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015356)
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[51] **Int.Cl. F16N 7/34 (2006.01)**
[25] EN
[54] **MULTI-PORT LIQUID LUBRICANT PULVERISER FOR AIR SYSTEM FOR TRUCK**
[54] **PULVERISATEUR DE LUBRIFIANT LIQUIDE MULTIORIFICE DESTINE A UN DISPOSITIF D'AIR DE CAMION**
[72] FRATARCANGELI, FRANCESCO, CA
[71] FRATARCANGELI, FRANCESCO, CA
[22] 2016-04-08
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[51] **Int.Cl. G09G 3/22 (2006.01) H04W 80/00 (2009.01) G09F 9/30 (2006.01) G09F 19/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOTELY CONTROLLING A DIGITAL MESSAGE BOARD**
[54] **SYSTEME DE CONTROLE A DISTANCE D'UN PANNEAU D'AFFICHAGE NUMERIQUE**
[72] MCGIE, PETER, CA
[71] STRUTT, JOHN, CA
[22] 2016-04-08
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[51] **Int.Cl. A62D 1/02 (2006.01) A62C 27/00 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSANT SYSTEMS**
[54] **SYSTEMES D'EXTINCTION D'INCENDIE**
[72] HECK, KENNETH W., CA
[71] HECK, KENNETH W., CA
[22] 2016-04-08
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[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SIDE TENSIONING SYSTEM FOR RETAINING SCREEN MEDIA IN A VIBRATING-TYPE SCREENING MACHINE**
[54] **SYSTEME DE TENDEUR LATERAL SERVANT A RETENIR UN SUPPORT DE TAMIS DANS UNE MACHINE A TAMIS DE VIBRATOIRE**
[72] TAKEV, DIETER, CA
[72] BREMER, MATTHIAS, CA
[71] W.S. TYLER CANADA LTD., CA
[22] 2016-04-08
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[51] **Int.Cl. B25G 1/08 (2006.01) B25B 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BIT REPLACEMENT OF MULTIPLE BIT SCREWDRIVERS**
[54] **METHODE ET APPAREIL DE REMPLACEMENT DE FORET DE TOURNEVIS MULTIFORET**
[72] MURRAY, STEVEN, CA
[71] MURRAY, STEVEN, CA
[22] 2016-04-08
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[13] A1
[51] **Int.Cl. A47B 61/04 (2006.01) A47B 81/00 (2006.01)**
[25] EN
[54] **CHANGEABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[71] CHIANG, CHUN-YI, TW
[71] CHIANG, CHUN-HSIEN, TW
[22] 2016-04-08
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[13] A1
[51] **Int.Cl. E02B 15/02 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERING SPILLED OIL IN ICE INFESTED WATERS**
[54] **METHODE ET APPAREIL DE RECUPERATION DE PETROLE DEVERSE DANS LES EAUX INFESTEES DE GLACE**
[72] HAZEL, WILLIAM, US
[71] MARINE POLLUTION CONTROL CORPORATION, US
[22] 2016-04-11
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[51] **Int.Cl. F16M 11/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE SUPPORT ARM FOR USE BETWEEN CAMERA AND CAMERA SUPPORT**
[54] **BRAS DE SUPPORT AJUSTABLE DESTINE A UNE CAMERA ET SUPPORT DE CAMERA**
[72] WOOD, DENNIS, CA
[71] WOOD, DENNIS, CA
[22] 2016-04-11
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[13] A1
[51] **Int.Cl. A43B 7/32 (2006.01) A43B 21/24 (2006.01)**
[25] EN
[54] **MAGNETIC SHOCK ABSORBING SHOE**
[54] **CHAUSSURE ANTICHOC MAGNETIQUE**
[72] MENKARIOS, EMAD, CA
[72] UNKNOWN, ZZ
[71] MENKARIOS, EMAD, CA
[22] 2016-04-11
[41] 2017-10-11

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[13] A1
[51] **Int.Cl. A47B 61/04 (2006.01) A47F 7/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[71] CHIANG, CHUN-YI, TW
[71] CHIANG, CHUN-HSIEN, TW
[22] 2016-04-08
[41] 2017-10-08

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[51] **Int.Cl. A41H 5/01 (2006.01) A47F 8/02 (2006.01)**
[25] EN
[54] **MANNEQUIN UPHOLESTRY SHAPING DEVICE**
[54] **DISPOSITIF DE FACONNAGE DE REMBOURRAGE DE MANNEQUIN**
[72] GUZMAN, JULIO JAVIER, CA
[72] BASHURA, IANA, CA
[71] SEVEN CONTINENTS CORPORATION, CA
[22] 2016-04-08
[41] 2017-10-08

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[51] **Int.Cl. F03G 3/00 (2006.01) F03G 7/10 (2006.01)**
[25] FR
[54] **IMPROVED GENERATOR**
[54] **GENERATRICE AMELIOREE**
[72] THERRIEN, JEAN-PAUL, CA
[71] THERRIEN, JEAN-PAUL, CA
[22] 2016-04-08
[41] 2017-10-08

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[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C02F 1/469 (2006.01)**
[25] EN
[54] **WATER SOFTENER**
[54] **ADOUCISSEUR D'EAU**
[72] SALAMA, AMIR, CA
[72] SALAMA, MARIANNE, CA
[71] OZOMAX INC., CA
[22] 2016-04-11
[41] 2017-10-11

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[13] A1
[51] **Int.Cl. H01M 8/0612 (2016.01)**
[25] EN
[54] **ELECTRIC POWER GENERATION USING ASSOCIATED PETROLEUM GAS**
[54] **PRODUCTION D'ENERGIE ELECTRIQUE AU MOYEN DE PETROLE GAZEUX ASSOCIE**
[72] DEMBICZAK, DOUGLAS, CA
[72] RUSS, DANIEL, CA
[72] MCGOWAN, JAMES CONNOR, CA
[72] HENDRICKSON, DENIS PATRIC, CA
[71] FUTURE POWER LTD., CA
[22] 2016-04-08
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[51] **Int.Cl. A63B 21/22 (2006.01) A63B 21/02 (2006.01) A63B 21/05 (2006.01) A63B 22/00 (2006.01) A63B 23/16 (2006.01)**
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[72] SCARATI, EMANUELE, CA
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[54] **APPAREIL DE MESURE D'IMPULSION RF A PORTEE DYNAMIQUE AMELIOREE**
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[72] CALDERWOOD, TROY D., US
[72] MOSIER, MARTY R., US
[71] X-COM SYSTEMS, LLC, US
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[54] **MECANISME D'EOLIENNE A AXE VERTICAL EMPLOYANT LA TRAINEE « SAVONIUS » PURE**
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[54] **SYSTEME DE DETECTION ET PROXIMITE DE VEHICULE DE SERVICE**
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[72] JERABEK, ANDREW, CA
[72] ROSEN, DALE, CA
[72] CRADDOCK, MICHAEL, CA
[71] DEVINE, OWEN T., CA
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[54] **DERIVES D'ACIDES AMINOBENZOIQUES DESTINES A UNE UTILISATION COMME AGENTS ANTI-INFLAMMATOIRES, AGENTS ANTIMETASTATIQUES OU AGENTS ANTICANCER**
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[72] HUANG, ANNIE, CA
[72] TORCHIA, JONATHON, CA
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[72] BARBAROUX, ROMAIN, CA
[72] LALANCETTE, JEAN-MARC, CA
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[54] **METHODE ET SYSTEME DE SURVEILLANCE A AFFICHEUR INSTALLE SUR LA TETE ET COUVRANT 360 DEGRES ENTRE DES MODULES DE PROGRAMME LOGICIEL EMPLOYANT UNE VIDEO OU LE PARTAGE DE TEXTURE D'IMAGE**
[72] DASHWOOD, TIMOTHY, CA
[71] 11 MOTION PICTURES LIMITED, CA
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[54] **ECHANGEUR THERMIQUE DE TUYAU D'EVACUATION HORIZONTAL**
[72] MACKELVIE, WINSTON, CA
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[54] **OUTIL D'INSTALLATION DE PANNEAU DE PLAFOND**
[72] GERKES, MARTIN DANIEL, CA
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[72] WU, GUOHAI, CA
[72] VRINTEN, PATRICIA, CA
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[54] **FER ZEROVALENT SULFURE A NANOECHELLE ET METHODE D'UTILISATION ASSOCIEE**
[72] GHOSHAL, SUBHASIS, CA
[72] CHANDRASEKAR RAJAJAYAVEL, SAI RAJASEKAR, CA
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[54] **SYSTEME SATELLITE LEO DOUBLE ET METHODE DE COUVERTURE MONDIALE**
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[71] OWNER REVOLUTION INC., US
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[54] **SOUS-STRUCTURE D'APPAREIL DE STORE ET APPAREIL DE STORE COMPORTANT LADITE SOUS-STRUCTURE**
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[72] KNIGHT, BENJAMIN, US
[72] KORNEGAY, BRANDON, US
[72] SHERBERT, KEVIN W., US
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[54] **SYSTEME DE CONTROLE A DISTANCE D'UN PANNEAU**
[72] MCGIE, PETER, CA
[71] STRUTT, JOHN, CA
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[71] SOUTHEAST ENERGY SOLUTIONS, INC., US
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[54] **APPAREIL D'INSTALLATION**
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[72] WILSON, DEREK, CA
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[54] **COMPARTIMENT DE RANGEMENT REFROIDI CONVERTIBLE DANS UN AERONEF**
[72] MORAN, THOMAS JOSEPH, US
[72] LUTZ, ANDREW DAVID, US
[71] THE BOEING COMPANY, US
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[54] **SYSTEME D'ELIMINATION DE CONDENSAT D'UN SYSTEME DE REFROIDISSEMENT D'AERONEF**
[72] MORAN, THOMAS JOSEPH, US
[72] LUTZ, DAVID ANDREW, US
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[71] CURE MEDICAL, LLC, US
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[54] **SYSTEME ET METHODE DE FILTRAGE DE RESEAU INFORME DU CONTEXTE**
[72] BUSH, JOHN E., US
[72] ARNOLD, STEVEN L., US
[72] AYYAGARI, ARUN, US
[71] THE BOEING COMPANY, US
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[54] **PROPPANT DELIVERY SYSTEM AND RELATED METHOD**
[54] **SYSTEME DE DISTRIBUTION D'AGENT DE SOUTENEMENT ET METHODE ASSOCIEE**
[72] SHERWOOD, RONALD MARK, US
[72] FOSTER, CHASE HAROLD, US
[71] PENNY TECHNOLOGIES S.A R.L., LU
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[54] **TOILET SYSTEM AND METHOD OF ASSEMBLING**
[54] **SYSTEME DE TOILETTE ET SA METHODE D'ASSEMBLAGE**
[72] HARKNESS, WILLIAM ANTHONY, US
[71] THE BOEING COMPANY, US
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[54] **STRUCTURE DE ROUTE MODULAIRE ET PISTE D'ATTERRISSAGE CONSTRUITE A PARTIR DE LADITE STRUCTURE**
[72] HARKNESS, WILLIAM ANTHONY, US
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[54] **EFFICIENCY TRACKING SYSTEM FOR A DRILLING RIG**
[54] **SYSTEME DE SURVEILLANCE D'EFFICACITE D'UN ENGIN DE FORAGE**
[72] MANDAVA, CHAKRAPANI, US
[72] LOCKRIDGE, MICHAEL DAVID, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[54] **SAC DE SPORTS**
[72] LOMBARDI, DAVID, US
[72] POIRIER, ROBERT, US
[71] ROEMAR, INC., US
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[54] **SCAFFOLDING ARRANGEMENT**
[54] **DISPOSITIF D'ECHAFFAUDAGE**
[72] FISCHER, MANUEL, DE
[72] STARK, LOTHAR, DE
[71] PERI GMBH, DE
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[54] **UN DISPOSITIF ACCESSOIRE DESTINE A UN RELAI DE PROTECTION ELECTRONIQUE**
[72] STUCCHI, MARCO, IT
[72] PANSERI, RICCARDO, IT
[72] COGI, MATTEO, IT
[71] ABB S.P.A., IT
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[54] **UNE PLATEFORME INFORMATISEE SERVANT A SURVEILLER LE FONCTIONNEMENT D'UN RESEAU DE DISTRIBUTION D'ELECTRICITE**
[72] GRITTI, PAOLO, IT
[72] LOCATELLI, EMILIO BATTISTA, IT
[71] ABB S.P.A., IT
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[54] **OUVRE-PORTE DE GARAGE MODULAIRE**
[72] WHITMIRE, J. PORTER, US
[72] ZIMMERMAN, TODD, US
[72] HUGGINS, MARK, US
[72] PREUS, MICHAEL, US
[72] PLEASANTS, PARKE, US
[72] JENKINS, J. LUKE, US
[72] MCCRACKEN, ROBERT E., US
[72] BRAZELL, KENNETH M., US
[72] OHI, TAKU, US
[72] LAGMAN, C. ERIC, US
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[72] MCNABB, WILLIAM MARCUS, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[54] **APPRET PIGMENTABLE**
[72] SCHUEMANN, UWE, DE
[72] DIETZE, SEBASTIAN, DE
[72] BAUMANN, TIM, DE
[72] BOECKER, PATRICK, US
[71] TESA SE, DE
[22] 2017-03-21
[41] 2017-10-13
[30] US (62/321,934) 2016-04-13
[30] US (15/157,845) 2016-05-18

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[21] **2,961,509**
[13] A1
[51] **Int.Cl. F04B 53/10 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **VALVE UNIT FOR A PISTON COMPRESSOR AND PISTON COMPRESSOR**
[54] **MODULE DE VALVE DESTINE A UN COMPRESSEUR A PISTON ET COMPRESSEUR A PISTON**
[72] DAHMS, PETER, DE
[72] MIBFELDT, PETER, DE
[72] KUTER, TIMO, DE
[72] REINHOLD, TIM, DE
[72] SCHULZ, HARALD, DE
[71] J.P. SAUER & SOHN MASCHINENBAU GMBH, DE
[22] 2017-03-21
[41] 2017-10-08
[30] EP (16164389.5) 2016-04-08

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[21] **2,961,695**
[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **CORRELATION-BASED DETECTION OF EXPLOIT ACTIVITY**
[54] **DETECTION D'UNE ACTIVITE D'EXPLOITATION FONDEE SUR LA CORRELATION**
[72] BROWN, DANIEL W., US
[71] CROWDSTRIKE, INC., US
[22] 2017-03-20
[41] 2017-10-11
[30] US (15/096027) 2016-04-11

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[21] **2,961,789**
[13] A1
[51] **Int.Cl. F23D 11/38 (2006.01) F02C 7/22 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FUEL NOZZLE WITH INCREASED SPRAY ANGLE RANGE**
[54] **BUSE DE CARBURANT A PLAGE D'ANGLE DE PULVERISATION AUGMENTEE**
[72] OZEM, HAYLEY, CA
[72] MORENKO, OLEG, CA
[72] GRENIER, JEAN-FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-21
[41] 2017-10-14
[30] US (15/098,766) 2016-04-14

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[21] **2,961,812**
[13] A1
[51] **Int.Cl. B29C 45/23 (2006.01)**
[25] EN
[54] **GUIDE BUSHING FOR AN INJECTION MOULDING APPARATUS**
[54] **RACCORD GUIDE DESTINE A UN APPAREIL DE MOULAGE PAR INJECTION**
[72] GUNTHER, HERBERT, DE
[72] SOMMER, SIEGRID, DE
[72] SCHNELL, TORSTEN, DE
[71] GUNTHER HEISSKANALTECHNIK GMBH, DE
[22] 2017-03-22
[41] 2017-10-12
[30] DE (10 2016 106 745.8) 2016-04-12

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[21] **2,961,845**
[13] A1
[51] **Int.Cl. B08B 9/04 (2006.01)**
[25] EN
[54] **DRAIN CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE DRAIN**
[72] PENNY, JACK DANIEL, US
[71] SWIFT BUILDING SERVICES, LLC, US
[22] 2017-03-23
[41] 2017-10-11
[30] US (62391475) 2016-05-02
[30] US (15189030) 2016-06-22

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[21] **2,961,868**
[13] A1
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/99 (2017.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS CONTAINING CROSS-LINKED GLYCOSAMINOGLYCANS**
[54] **COMPOSITIONS TOPIQUES RENFERMANT DES GLYCOSAMINOGLYCANES RETICULEES**
[72] FASSIH, ALI, US
[72] PATURI, JYOTSNA, US
[72] WANGARI-TALBOT, JANET, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2017-03-23
[41] 2017-10-08
[30] US (62/319,847) 2016-04-08

[21] **2,961,988**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM WITH CAM LOCKING PROP-ROD**
[54] **SYSTEME DE COUVERCLE DE TONNEAU A TIGE DE SUPPORT A VERROU A CAME**
[72] HALL, KENNETH J., US
[71] LAURMARK ENTERPRISES, INC., US
[22] 2017-03-24
[41] 2017-10-12
[30] US (15/096,764) 2016-04-12

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[21] **2,961,995**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B60K 28/14 (2006.01) F16P 3/12 (2006.01) F16P 3/14 (2006.01)**
[25] EN
[54] **OPTO-ELECTRIC SYSTEM OF ENHANCED OPERATOR CONTROL STATION PROTECTION**
[54] **SYSTEME OPTOELECTRIQUE DE PROTECTION AMELIOREE DE POSTE DE COMMANDE D'OPERATEUR**
[72] PUSZKIEWICZ, IGNACY, US
[72] GILBRIDE, MATTHEW L., US
[72] LOMBARDO, DAVID W., US
[72] MOHLMAN, BRIAN K., US
[71] JLG INDUSTRIES, INC., US
[22] 2017-03-24
[41] 2017-10-08
[30] US (15/094,286) 2016-04-08

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[21] **2,962,007**
[13] A1
[51] **Int.Cl. A01K 1/02 (2006.01) A01K 1/03 (2006.01)**
[25] EN
[54] **ANIMAL CRATE WITH SWING OR DROP DOOR ASSEMBLY**
[54] **CAGE POUR ANIMAL DOTEE D'UN MECANISME DE PORTE BATTANTE OU RABATTANTE**
[72] CANTWELL, BRAD, US
[72] KERR, STEW, US
[72] GREENE, MICHAEL E., US
[72] NOLLEY, DAVID J., US
[71] MID-WEST METAL PRODUCTS CO., INC., US
[22] 2017-03-24
[41] 2017-10-08
[30] US (62/320,048) 2016-04-08
[30] US (15/464,571) 2017-03-21

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[21] **2,962,012**
[13] A1
[51] **Int.Cl. A01K 1/02 (2006.01) A01K 1/03 (2006.01) B65D 85/50 (2006.01)**
[25] EN
[54] **ANIMAL CRATE WITH SWING OR DROP DOOR ASSEMBLY**
[54] **CAGE POUR ANIMAL DOTEE D'UN MECANISME DE PORTE BATTANTE OU RABATTANTE**
[72] CANTWELL, BRAD, US
[72] KERR,STEW, US
[72] GREENE, MICHAEL E., US
[72] NOLLEY, DAVID J., US
[71] MID-WEST METAL PRODUCTS CO., INC., US
[22] 2017-03-24
[41] 2017-10-08
[30] US (62/320,048) 2016-04-08
[30] US (15/464,586) 2017-03-21

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[21] **2,962,056**
[13] A1
[51] **Int.Cl. H01J 49/14 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **MAGNETICALLY ASSISTED ELECTRON IMPACT ION SOURCE FOR MASS SPECTROMETRY**
[54] **SOURCE IONIQUE A IMPACT D'ELECTRONS DESTINEE A LA SPECTROSCOPIE DE MASSE**
[72] MUNTEAN, FELICIAN, US
[71] BRUKER DALTONICS, INC., US
[22] 2017-03-23
[41] 2017-10-14
[30] US (15099054) 2016-04-14

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[21] **2,962,067**
[13] A1
[51] **Int.Cl. B01F 5/06 (2006.01) B01J 19/02 (2006.01) B22F 3/15 (2006.01)**
[25] EN
[54] **A MIXING MODULE AND A STEAM HEATER**
[54] **UN MODULE DE MELANGEUR ET UN APPAREIL DE CHAUFFAGE A LA VAPEUR**
[72] BERGLUND, TOMAS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[22] 2017-03-24
[41] 2017-10-08
[30] SE (1650476-3) 2016-04-08

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[21] **2,962,173**
[13] A1
[51] **Int.Cl. C02F 3/10 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 3/02 (2006.01) C02F 3/04 (2006.01)**
[25] EN
[54] **SURFACE WATER MITIGATION STRUCTURE**
[54] **STRUCTURE D'ATTENUATION D'EAU DE SURFACE**
[72] KOMOCKI, DAVID, US
[72] BEESON, PETER C., US
[71] SPORTS CARE PRODUCTS, INC., US
[22] 2017-03-27
[41] 2017-10-13
[30] US (62/321,779) 2016-04-13

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[21] **2,962,413**
[13] A1
[51] **Int.Cl. A61M 25/04 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **PULMONARY-VEIN CORK DEVICE WITH ABLATION GUIDING TRENCH**
[54] **DISPOSITIF DE BOUCHON D'ARTERE PULMONAIRE A CANAL GUIDE D'ABLATION**
[72] BOTZER, LIOR, IL
[72] SABA, EITAN MOSHE, IL
[72] RAVUNA, ELIYAHU, IL
[72] AUERBACH, SHMUEL, IL
[72] BAR-TAL, MEIR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-28
[41] 2017-10-13
[30] US (15/097,641) 2016-04-13

[21] **2,962,457**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) A61M 37/00 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ENHANCE OXYGEN CONCENTRATIONS FOR ADVANCED OPHTHALMIC DEVICES**
[54] **METHODES ET APPAREIL DESTINES A AMELIORER LES CONCENTRATIONS D'OXYGENE DE DISPOSITIFS OPHTALMIQUES AVANCES**
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[72] FLITSCH, FREDERICK A., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-03-28
[41] 2017-10-14
[30] US (15/098,781) 2016-04-14

[21] **2,962,459**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ENHANCE OXYGEN CONCENTRATIONS FOR OPHTHALMIC DEVICES**
[54] **METHODES ET APPAREIL DESTINES A AMELIORER LES CONCENTRATIONS D'OXYGENE DE DISPOSITIFS OPHTHALMIQUES**
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[72] FLITSCH, FREDERICK A., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-03-28
[41] 2017-10-14
[30] US (15/098,816) 2016-04-14

[21] **2,962,460**
[13] A1
[51] **Int.Cl. A61B 5/0408 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **BASKET CATHETER WITH PRESTRAINED FRAMEWORK**
[54] **CATHETER PANIER DOTE D'UN CADRE PRECONTRAINT**
[72] WU, STEVEN, US
[72] MIN, SUNGWOO, US
[72] AUJLA, VISHAV MANAK SINGH, US
[72] MERCHANT, NEIL, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-28
[41] 2017-10-13
[30] US (15/098,175) 2016-04-13

[21] **2,962,553**
[13] A1
[51] **Int.Cl. G01S 13/89 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **ULTRASONIC INSPECTION OF WRINKLES IN COMPOSITE OBJECTS**
[54] **INSPECTION ULTRASONIQUE DES PLIS DANS LES OBJETS COMPOSITES**
[72] BINGHAM, JILL PAISLEY, US
[71] THE BOEING COMPANY, US
[22] 2017-03-29
[41] 2017-10-14
[30] US (15/098765) 2016-04-14

[21] **2,962,565**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **MANUFACTURING MATERIEL SUPPLY CHAIN DISRUPTION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'INTERRUPTION DE CHAINE D'APPROVISIONNEMENT DE MATERIAUX DE FABRICATION**
[72] GLATFELTER, JOHN W., US
[72] LAUGHLIN, BRIAN DALE, US
[71] THE BOEING COMPANY, US
[22] 2017-03-29
[41] 2017-10-14
[30] US (15/099585) 2016-04-14

[21] **2,962,641**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G01D 21/00 (2006.01) G01M 15/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DATA EXPLORATION TECHNIQUES**
[54] **SYSTEMES ET METHODES DE FOURNITURE DE TECHNIQUES D'EXPLORATION DE DONNEES**
[72] AYIK, HATICE MUJDE, GB
[72] KNIGHT, PETER, GB
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-03-30
[41] 2017-10-14
[30] GB (1606509.6) 2016-04-14

[21] **2,962,644**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **COMPONENT FOR A TURBINE ENGINE WITH A FILM-HOLE**
[54] **COMPOSANT DE MOTEUR DE TURBINE DOTE D'UN TROU DE FILM**
[72] WEBSTER, ZACHARY DANIEL, US
[72] FELDMANN, KEVIN ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-14
[30] US (15/098,733) 2016-04-14

[21] **2,962,647**
[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) B64C 21/00 (2006.01) B64D 35/00 (2006.01)**
[25] EN
[54] **ELECTRIC PROPULSION ENGINE FOR AN AIRCRAFT**
[54] **DISPOSITIF DE PROPULSION ELECTRIQUE DESTINE A UN AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-11
[30] US (15/095,262) 2016-04-11

[21] **2,962,663**
[13] A1
[51] **Int.Cl. G01S 19/51 (2010.01)**
[25] EN
[54] **AIRCRAFT NAVIGATION USING EXPONENTIAL MAP**
[54] **NAVIGATION D'AERONEF AU MOYEN D'UNE CARTE EXPONENTIELLE**
[72] CABELLO, JUAN JOSE, MX
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-03-30
[41] 2017-10-13
[30] US (15/097,330) 2016-04-13

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[21] **2,962,666**
[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) B64D 27/26 (2006.01) B64D 35/02 (2006.01) H02K 5/24 (2006.01) H02K 7/116 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **ELECTRIC PROPULSION ENGINE FOR AN AIRCRAFT**
[54] **DISPOSITIF DE PROPULSION ELECTRIQUE DESTINE A UN AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-11
[30] US (15/095,249) 2016-04-11

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[21] **2,962,669**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **TRANSFERRING DATA FROM A FIRST DATA ENVIRONMENT TO A SECOND DATA ENVIRONMENT**
[54] **TRANSFERT DE DONNEES D'UN PREMIER ENVIRONNEMENT DE DONNEES A UN DEUXIEME ENVIRONNEMENT DE DONNEES**
[72] AYIK, HATICE MUJDE, GB
[72] KNIGHT, PETER ROBIN, GB
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-03-30
[41] 2017-10-14
[30] GB (1606530.2) 2016-04-14

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[21] **2,962,673**
[13] A1
[51] **Int.Cl. B23P 6/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IN SITU BALANCING OF A ROTATING COMPONENT OF A GAS TURBINE ENGINE**
[54] **SYSTEME ET METHODE D'EQUILIBRAGE SUR PLACE D'UN COMPOSANT INTERNE D'UNE TURBINE A GAZ**
[72] DIWINSKY, DAVID SCOTT, US
[72] ROBERTS, HERBERT CHIDSEY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-12
[30] US (15/096,527) 2016-04-12

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[21] **2,962,690**
[13] A1
[51] **Int.Cl. G01F 15/06 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **READING AND WRITING DATA TO A METER THAT MEASURES FLOW OF MATERIAL**
[54] **DONNEES DE LECTURE ET D'ECRITURE D'UN COMPTEUR QUI MESURE LE FLUX DE MATERIAU**
[72] MAMALOUKAS, JASON LEE, US
[72] MARTIN, JEFF THOMAS, US
[72] PERKINS, ANDREW LOGAN, US
[71] DRESSER, INC., US
[22] 2017-03-30
[41] 2017-10-14
[30] US (15/098,584) 2016-04-14

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[21] **2,963,035**
[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01) B64C 13/18 (2006.01)**
[25] FR
[54] **STEERING ASSISTANCE PROCESS FOR AIRCRAFT WITH RESTRICTIONS ON THE POSSIBILITIES OF SETTING STEERING PARAMETERS BASED ON CONTEXT, AND CORRESPONDING DEVICE**
[54] **PROCEDE D'ASSISTANCE AU PILOTAGE D'UN AERONEF AVEC RESTRICTION DES POSSIBILITES DE REGLAGE DES PARAMETRES DE PILOTAGE EN FONCTION DU CONTEXTE, ET DISPOSITIF CORRESPONDANT**
[72] BARRAL, JEROME, FR
[72] DARSES, PATRICK, FR
[71] DASSAULT AVIATION, FR
[22] 2017-03-30
[41] 2017-10-12
[30] FR (16 00 620) 2016-04-12

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[21] **2,963,127**
[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01)**
[25] EN
[54] **METHOD FOR A TREATMENT OF WATER BY ADSORPTION ON ACTIVE CARBON AND CLARIFICATION, AND CORRESPONDING PLANT**
[54] **METHODE DE TRAITEMENT DE L'EAU PAR ADSORPTION SUR CHARBON ACTIF ET CLARIFICATION, ET INSTALLATION CORRESPONDANTE**
[72] SAUVIGNET, PHILIPPE, FR
[72] GAID, ABDELKADER, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[22] 2017-04-03
[41] 2017-10-13
[30] FR (1653262) 2016-04-13

[21] **2,963,129**
[13] A1
[51] **Int.Cl. G01N 24/08 (2006.01)**
[25] EN
[54] **LOW-FIELD TIME-DOMAIN NMR MEASUREMENT OF OIL SANDS PROCESS STREAMS**
[54] **MESURE DE RNM A DOMAINE TEMPOREL ET CHAMP FAIBLE DES FLUX DE PROCEDES DE SABLES BITUMINEUX**
[72] PAPROSKI, RICHARD, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2017-04-03
[41] 2017-10-12
[30] US (62/321,605) 2016-04-12

[21] **2,963,133**
[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/80 (2016.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01) H02M 7/68 (2006.01) H03K 17/95 (2006.01)**
[25] EN
[54] **CONTACTLESS BATTERY SYSTEM UTILIZING A BIDIRECTIONAL POWER CONVERTER**
[54] **SYSTEME DE BATTERIE SANS CONTACT EMPLOYANT UN CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096215) 2016-04-11

[21] **2,963,136**
[13] A1
[51] **Int.Cl. B64D 37/02 (2006.01) B64D 37/32 (2006.01)**
[25] FR
[54] **FUEL COLLECTOR FOR AIRCRAFT RESERVOIR**
[54] **COLLECTEUR DE CARBURANT POUR RESERVOIR D'UN AERONEF**
[72] VIALLE, JULIEN, FR
[72] CLARIS, CHRISTOPHE, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2017-04-04
[41] 2017-10-13
[30] FR (1653278) 2016-04-13

[21] **2,963,141**
[13] A1
[51] **Int.Cl. H02M 7/68 (2006.01) H02J 50/10 (2016.01) H02J 7/02 (2016.01) H02M 1/00 (2007.10)**
[25] EN
[54] **BIDIRECTIONAL POWER CONVERTER**
[54] **CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096204) 2016-04-11

[21] **2,963,144**
[13] A1
[51] **Int.Cl. H02J 50/90 (2016.01) H02J 50/20 (2016.01) H02M 7/68 (2006.01)**
[25] EN
[54] **PROXIMITY WIRELESS POWER SYSTEM USING A BIDIRECTIONAL POWER CONVERTER**
[54] **SYSTEME D'ALIMENTATION DE PROXIMITE SANS FIL EMPLOYANT UN CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096242) 2016-04-11

[21] **2,963,347**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/32 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **INVALIDATION IN A CONTENT DELIVERY NETWORK (CDN)**
[54] **INVALIDATION D'UN RESEAU DE DISTRIBUTION DE CONTENU**
[72] CROWDER, WILLIAM, US
[72] LIPSTONE, LAURENCE, US
[72] NEWTON, CHRISTOPHER, US
[72] WONG, FIONA, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[22] 2017-04-05
[41] 2017-10-11
[30] US (15/095,282) 2016-04-11

[21] **2,963,514**
[13] A1
[51] **Int.Cl. G09F 7/22 (2006.01) B60R 21/34 (2011.01) B62D 53/00 (2006.01) B62D 63/08 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **SAFETY TURN PANEL**
[54] **PANNEAU DE VIRAGE SECURITAIRE**
[72] ARCAND, CLAUDE, CA
[71] ARCAND, CLAUDE, CA
[22] 2017-04-06
[41] 2017-10-09
[30] GB (1606047.7) 2016-04-09

[21] **2,963,529**
[13] A1
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[25] EN
[54] **ELECTROLYTIC WATER SOFTENER**
[54] **ADOUCISSEUR D'EAU ELECTROLYTIQUE**
[72] SALAMA, AMIR, CA
[72] SALAMA, MARIANNE, CA
[71] OZOMAX INC., CA
[22] 2017-04-06
[41] 2017-10-11
[30] CA (2,926,658) 2016-04-11

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[13] A1
[51] **Int.Cl. G06F 21/86 (2013.01)**
[25] EN
[54] **DETECTION OF THE OPENING OF A DATA-ENTRY DEVICE**
[54] **DETECTION DE L'OUVERTURE D'UN APPAREIL DE SAISIE DE DONNEES**
[72] ANDRE, JEROME, FR
[71] INGENICO GROUP, FR
[22] 2017-04-04
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISSEMINATING INFORMATION OVER A COMMUNICATION NETWORK**
[54] **METHODE ET SYSTEME DE DISSEMINATION D'INFORMATION SUR UN RESEAU DE COMMUNICATION**
[72] REIVER, ROBERT E., US
[71] NB PORTALS, LLC, US
[22] 2017-04-04
[41] 2017-10-14
[30] US (15/099,242) 2016-04-14

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[51] **Int.Cl. B64D 37/00 (2006.01) B64C 17/10 (2006.01) F02C 7/22 (2006.01) F02M 37/00 (2006.01)**
[25] FR
[54] **FABRICATION PROCESS FOR STRAINER, STRAINER AND EJECTOR INCLUDING SUCH A STRAINER**
[54] **PROCEDE DE FABRICATION D'UNE CREPINE, CREPINE, ET EJECTEUR COMPRENANT UNE TELLE CREPINE**
[72] CORMAN, FRANCOIS, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2017-04-07
[41] 2017-10-12
[30] FR (1653187) 2016-04-12

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[51] **Int.Cl. F28F 9/00 (2006.01) F16M 3/00 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-04-07
[41] 2017-10-10
[30] US (62/320,606) 2016-04-10
[30] US (62/320,611) 2016-04-10
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[51] **Int.Cl. F28F 9/00 (2006.01) F16M 3/00 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
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[25] EN
[54] **ELECTRIFIED EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE ELECTRIFIE**
[72] BRENNAN, JOHN, US
[72] CORWIN, LARRY GENE, JR., US
[72] HARRELL, LAWRENCE, IV, US
[72] LEWIS, ROBERT W., US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320180) 2016-04-08
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[51] **Int.Cl. E04B 1/38 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **BUILDING CONNECTION ARRANGEMENT**
[54] **DISPOSITIF DE RACCORD DE BATIMENT**
[72] MANEY, DAVID, AU
[72] HENDRICKS, BILL, AU
[72] MCKECHNIE, SIMON, AU
[72] MCALPIN, WARWICK, AU
[71] STUDCO AUSTRALIA PTY LTD, AU
[22] 2017-04-07
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[30] AU (2016901337) 2016-04-11
[30] AU (2016902270) 2016-06-10

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[51] **Int.Cl. B01J 29/65 (2006.01) B01J 29/40 (2006.01)**
[25] EN
[54] **HYBRID EXTRUDED MIXED ZEOLITE CATALYSTS FOR SYNTHESIS OF LIGHT OLEFINS**
[54] **CATALYSEURS A ZEOLITES MIXTES EXTRUDEES HYBRIDES DESTINES A LA SYNTHESE D'OLEFINES LEGERES**
[72] MARIE-ROSE, STEPHANE, CA
[72] GIL COBA, JENNIFER LORENA, CA
[72] PINARD, LUDOVIC, FR
[71] ENERKEM, INC., CA
[22] 2017-04-10
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[30] US (62/320,907) 2016-04-11

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[13] A1
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR LIQUEFYING PRODUCTION GAS FROM A GAS SOURCE**
[54] **UN SYSTEME ET UNE METHODE DE LIQUEFACTION DE GAZ DE PRODUCTION D'UNE SOURCE DE GAZ**
[72] ROWE, GEOFF, CA
[71] ROWE, GEOFF, CA
[22] 2017-04-10
[41] 2017-10-11
[30] CA (2926892) 2016-04-11

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[51] **Int.Cl. H02M 3/158 (2006.01) H02M 1/088 (2006.01)**
[25] EN
[54] **TWO-PHASE THREE-LEVEL CONVERTER AND CONTROLLER THEREFOR**
[54] **CONVERTISSEUR BIPHASE A TROIS NIVEAUX ET CONTROLEUR ASSOCIE**
[72] LIU, TIANSHU, CA
[72] LIU, YAN-FEI, CA
[71] LIU, TIANSHU, CA
[71] LIU, YAN-FEI, CA
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/321,027) 2016-04-11
[30] US (62/473,464) 2017-03-19

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[51] **Int.Cl. C12N 9/28 (2006.01) C12N 9/00 (2006.01) C12N 9/26 (2006.01) C12N 15/56 (2006.01)**
[25] EN
[54] **STABILIZED ALPHA-AMYLASE VARIANTS AND USE OF THE SAME**
[54] **VARIANTES D'ALPHA-AMYLASE STABILISEES ET UTILISATION ASSOCIEE**
[72] ANDERSEN, CARSTEN, DK
[72] FEVRE, ANNA-KATHRINE, DK
[71] NOVOZYMES A/S, DK
[22] 2017-04-07
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[30] DK (PA 2016 00210) 2016-04-08

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[51] **Int.Cl. E05B 47/00 (2006.01) G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **STORAGE AND MONITORING SYSTEM WITH SMART HOLDERS**
[54] **SYSTEME D'ENTREPOSAGE ET DE RANGEMENT A SUPPORTS INTELLIGENTS**
[72] CRACIUNOIU, AURELIA, CA
[71] CRACIUNOIU, AURELIA, CA
[22] 2017-04-10
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[30] US (62/320419) 2016-04-08

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[13] A1
[51] **Int.Cl. B65H 75/28 (2006.01) B65H 65/00 (2006.01) B65H 75/38 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COILING A CONTINUOUS ROD**
[54] **METHODE ET APPAREIL DE BOBINAGE D'UNE TIGE CONTINUE**
[72] SABATIER, CLINT ROGER, CA
[71] 925599 ALBERTA LTD., CA
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320,255) 2016-04-08

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/524 (2006.01) E21B 37/06 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **WELL TREATMENT MATERIAL FOR SLOW RELEASE OF BIOCIDE**
[54] **MATERIAU DE TRAITEMENT DE PUITS DESTINE A LA LIBERATION LENTE DE BIOCIDE**
[72] VITTUR, BRANDON, US
[72] MACKENZIE, GORDON, US
[72] MOUALLEM, SAHAR, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320181) 2016-04-08

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[51] **Int.Cl. F02K 1/76 (2006.01) F02K 1/70 (2006.01)**
[25] EN
[54] **THRUST REVERSER ACTUATOR**
[54] **ACTIONNEUR D'INVERSEUR DE POUSSEE**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-04-07
[41] 2017-10-08
[30] EP (16164568.4) 2016-04-08

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[25] EN
[54] **PATTENRED FILM FOR FORMING FLUID-FILLED BLISTER, MICROFLUIDIC BLISTER, AND KIT AND METHOD OF FORMING**
[54] **PELLICULE A MOTIF SERVANT A FORMER DES COQUES REMPLIES DE FLUIDES, DES COQUES MICROFLUIDIQUES, ET TROUSSE ET METHODE DE FORMATION**
[72] JANTA, MOJRA, CA
[72] HOA, XUYEN DAI, CA
[72] GEISSLER, MATTHIAS, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2017-04-11
[41] 2017-10-11
[30] US (62/320,677) 2016-04-11

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[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01) E02F 7/00 (2006.01) E02F 9/14 (2006.01)**
[25] EN
[54] **SUPPORT AND GUIDING APPARATUS FOR FEEDER LINES FOR EXCAVATION DEVICES**
[54] **SUPPORT ET APPAREIL DE GUIDAGE DE CONDUITS D'ALIMENTATION DESTINES A DES APPAREILS D'EXCAVATION**
[72] RAFFUZZI, MIRCO ARMANDO, IT
[72] VISANI, FRANCO, IT
[71] SOILMEC S.P.A., IT
[22] 2017-04-07
[41] 2017-10-08
[30] IT (10 2016 000 036 535) 2016-04-08

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[51] **Int.Cl. G06K 9/80 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECOGNIZING CHARACTERS IN DIGITIZED DOCUMENTS**
[54] **SYSTEMES ET METHODES DE RECONNAISSANCE DE CARACTERES DANS LES DOCUMENTS NUMERISES**
[72] BLUCHE, THEODORE DAMIEN, FR
[71] A2IA S.A.S., FR
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/320,912) 2016-04-11

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[51] **Int.Cl. B25B 5/06 (2006.01) B25B 5/02 (2006.01) B25B 5/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO CLAMPING APPARATUS**
[54] **AMELIORATIONS D'APPAREIL DE SERTISSAGE**
[72] COCHRANE, MICHAEL, GB
[71] POWER BOX AG, CH
[22] 2017-04-11
[41] 2017-10-12
[30] GB (1606276.2) 2016-04-12

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[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **IMPINGEMENT PLATE WITH STRESS RELIEF FEATURE**
[54] **PLAQUE DE COLLISION A FONCTIONNALITE DE LIBERATION DE CONTRAINTE**
[72] MOGA, CORINA, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/320,847) 2016-04-11

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[51] **Int.Cl. G01F 15/00 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **TAMPER DETECTION IN UTILITY METERS**
[54] **DETECTION DE VIOLATION DE COMPTEURS DE SERVICE PUBLIC**
[72] BRENNAN, WILLIAM JAMES, JR., US
[72] SALA, JOHN EUGENE, US
[72] WILSON, MICHAEL ALLEN, US
[72] HANES, DAVID J., US
[71] NEPTUNE TECHNOLOGY GROUP INC., US
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[51] **Int.Cl. G02B 6/36 (2006.01) G02B 6/255 (2006.01)**
[25] EN
[54] **FIBER OPTIC CONNECTOR**
[54] **CONNECTEUR DE FIBRE OPTIQUE**
[72] CHABOT, BRUNO, CA
[72] HUBBARD, DAVID, US
[71] BELDEN CANADA INC., CA
[22] 2017-04-10
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[51] **Int.Cl. B60R 16/02 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A PUBLIC STANDARD INTERFACE FOR MATERIAL HANDLING VEHICLES**
[54] **SYSTEMES ET METHODES DESTINES A UNE INTERFACE STANDARD PUBLIQUE DE VEHICULES MANIPULANT DES MATERIAUX**
[72] KIRK, JOHN BRYANT, US
[72] HARVEY, DEAN, US
[72] DAY, RICK, US
[72] PURDY, ARLAN, US
[72] MILLER, RICHARD C., US
[72] MOORHEAD, BRIAN, US
[71] THE RAYMOND CORPORATION, US
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[30] US (62/322,379) 2016-04-14
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[51] **Int.Cl. G01N 19/08 (2006.01) B64F 5/00 (2017.01)**
[25] EN
[54] **PHYSICAL COMPONENT PREDICTED REMAINING USEFUL LIFE**
[54] **DUREE UTILE RESTANTE PREDITE PAR UNE COMPOSANTE PHYSIQUE**
[72] DION, BERNARD, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2017-04-10
[41] 2017-10-11
[30] US (15/095,764) 2016-04-11

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[51] **Int.Cl. H04H 20/95 (2009.01)**
[25] EN
[54] **APPARATUS FOR GENERATING BROADCAST SIGNAL FRAME FOR SIGNALING TIME INTERLEAVING MODE AND METHOD USING THE SAME**
[54] **APPAREIL DE GENERATION D'UNE TRAME DE SIGNAUX DE DIFFUSION SERVANT A SIGNALER UN MODE D'ENTRELACEMENT TEMPOREL ET METHODE EMPLOYANT LEDIT APPAREIL**
[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] KIM, HEUNG-MOOK, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2017-04-11
[41] 2017-10-14
[30] KR (10-2016-0045316) 2016-04-14
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[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR ATTACHMENT TO A VEHICLE**
[54] **SYSTEME DE CHENILLE A ATTACHER A UN VEHICULE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2017-04-12
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[51] **Int.Cl. E04F 13/26 (2006.01) E04B 1/61 (2006.01) E04C 2/30 (2006.01) E04F 13/076 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **MODULAR SURFACE COVERING ASSEMBLY TO COVER A BEARING SURFACE**
[54] **DISPOSITIF DE REVETEMENT DE SURFACE MODULAIRE DESTINE A COUVRIR UNE SURFACE PORTANTE**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
[22] 2017-04-12
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[51] **Int.Cl. B62M 9/00 (2006.01) B62M 11/00 (2006.01)**
[25] EN
[54] **BICYCLE FRONT SPROCKET**
[54] **PIGNON AVANT DE BICYCLETTE**
[72] MOORE, ROBERT ERIK, CA
[72] CHALMERS, DOUGLAS ALEXANDER, CA
[71] FOX FACTORY, INC., US
[22] 2017-04-11
[41] 2017-10-11
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[51] **Int.Cl. F16H 63/34 (2006.01) F16H 57/028 (2012.01) B60W 30/00 (2006.01) F16H 48/24 (2006.01) F16H 57/10 (2006.01) F16H 61/22 (2006.01)**
[25] EN
[54] **TRANSMISSION SYSTEM FOR HYBRID ELECTRIC VEHICLE**
[54] **MECANISME DE TRANSMISSION DE VEHICULE ELECTRIQUE HYBRIDE**
[72] TOMITA, MAKOTO, JP
[72] OSHIMA, KEIJIRO, JP
[72] HORI, TETSUO, JP
[72] TAKEUCHI, TOMOYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[30] JP (2016-080412) 2016-04-13
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[51] **Int.Cl. E06C 1/393 (2006.01) E06C 1/24 (2006.01) E06C 7/16 (2006.01)**
[25] EN
[54] **HYBRID STEPLADDER AND METHOD**
[54] **ESCABEAU HYBRIDE ET METHODE**
[72] WOODWARD, STEVE, US
[72] DANGROW, JOE, US
[72] PARKER, THOMAS W., US
[72] BEGGS, ROBERT D., US
[72] WERNER, JOHN H., US
[72] O'RAHILLY, MICKY A., US
[71] WERNER CO., US
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[13] A1
[51] **Int.Cl. E05D 15/16 (2006.01) E05D 13/00 (2006.01)**
[25] EN
[54] **WINDOW BALANCE ASSEMBLY INCLUDING SASH SUPPORT BRACKET**
[54] **MECANISME D'EQUILIBRAGE DE FENETRE COMPORTANT UN SUPPORT DE CHASSIS**
[72] LUCCI, ROBERT M., US
[72] BAGLIO, ANDREW, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[41] 2017-10-12
[30] US (15/468,517) 2017-03-24
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[13] A1
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[25] EN
[54] **CAP UNIT FOR BEVERAGE CONTAINER**
[54] **MODULE DE CAPUCHON DE CONTENANT DE BOISSON**
[72] MARUYAMA, TAKAHIRO, JP
[72] MATSUYAMA, SHIN, JP
[71] THERMOS L.L.C., US
[71] THERMOS K.K., JP
[22] 2017-04-11
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[30] JP (2016-080360) 2016-04-13

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[51] **Int.Cl. F01D 15/00 (2006.01) E21B 43/12 (2006.01) F03B 13/00 (2006.01) F17D 1/075 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING ROTATIONAL POWER**
[54] **SYSTEME ET METHODE DE GENERATION D'ENERGIE ROTATIVE**
[72] WEFLEN, DARRYL, CA
[71] AIRTEK SYSTEMS INC., CA
[22] 2017-04-12
[41] 2017-10-12
[30] US (62/321,338) 2016-04-12

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[13] A1
[51] **Int.Cl. F24D 19/10 (2006.01) F24D 3/02 (2006.01) F24H 1/38 (2006.01)**
[25] EN
[54] **ENHANCED CONVECTION, DIFFERENTIAL TEMPERATURE MANAGED, HYDRONIC HEATING APPLIANCE**
[54] **APPAREIL DE CHAUFFAGE HYDRONIQUE, GERE PAR TEMPERATURE DIFFERENTIELLE, A CONVECTION AMELIOREE**
[72] MERCIER, PAUL D., SR., US
[71] MERCIER, PAUL D., SR., US
[22] 2017-04-13
[41] 2017-10-13
[30] US (62/321846) 2016-04-13

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[13] A1
[51] **Int.Cl. E04G 1/15 (2006.01) E01D 19/00 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **HEATED PLATFORM SYSTEMS**
[54] **SYSTEMES DE PLATEFORME CHAUFFEE**
[72] REEVE, SCOTT, US
[72] LOFF, ANDREW K., US
[71] COMPOSITE ADVANTAGE LLC, US
[22] 2017-04-12
[41] 2017-10-13
[30] US (62/322,016) 2016-04-13

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[13] A1
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/38 (2006.01)**
[25] EN
[54] **LOCKING PACKAGING CONTAINER**
[54] **CONTENANT D'EMBALLAGE A VERROU**
[72] CHAMBERS, CHRISTOPHER, US
[72] GILGER, ERIC, US
[71] ALL PACKAGING COMPANY, US
[22] 2017-04-13
[41] 2017-10-14
[30] US (62/322,614) 2016-04-14

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[13] A1
[51] **Int.Cl. B65G 47/34 (2006.01) B62B 3/04 (2006.01) B65F 1/14 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **DEBRIS CARTS AND SYSTEMS AND METHODS OF USING SAME**
[54] **CHARIOTS A DEBRIS ET SYSTEMES ET METHODES D'UTILISATION ASSOCIES**
[72] BURNS, ALLEN T., US
[71] RICHARD S. BURNS & COMPANY, INC., US
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[54] **RESILIENTLY MOUNTED STRIKE PLATE OF AN ELECTROMAGNETIC DOOR LOCK**
[54] **GACHE INSTALLEE DE MANIERE RESILIENTE DESTINEE A UNE SERRURE DE PORTE ELECTROMAGNETIQUE**
[72] CORWIN, LARRY GENE JR., US
[72] VAN DUSEN, DAN, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **SOCK HOLDING DRESSING AID**
[54] **AIDE A L'HABILLEMENT A SUPPORT DE CHAUSSETTE**
[72] DE SILVA RAPOSO, JOHN CARLOS, BM
[71] DE SILVA RAPOSO, JOHN CARLOS, BM
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[54] **COMMUTATEUR ECRAN-CLAVIER-SOURIS A DETECTION D'ECRAN BLEU DE LA MORT ET FONCTIONS D'AVERTISSEMENT**
[72] SOFFER, AVIV, IL
[71] HIGH SEE LABS LTD., IL
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[54] **ROCHET DE PATIN DE CINTREUSE**
[72] ELDER, DOYLE WAYNE, US
[72] DAVIS, JESSE KAY, US
[71] SOUTHWIRE COMPANY, LLC, US
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[54] **CONDUIT D'ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE**
[72] VELAN, DAVID, CA
[71] ECODRAIN INC., CA
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[54] **SPORTS SHAFT WITH STIFFENING BUMPER**
[54] **BATON DE SPORT DOTE D'UN PARECHOC RENFORCE**
[72] BERGERON, SIMON, CA
[72] DOWNING, TRAVIS, US
[72] ALLARD, ERIC, CA
[72] CHIASSON, JACQUES, CA
[71] SPORT MASKA INC., CA
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[54] **PORTES INSTALLEES SUR UN RAIL**
[72] HUYNH, NGOC L., CA
[71] 1925WORKBENCH LTD., CA
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[54] **SLIDING DOOR WEEP SILL ASSEMBLY**
[54] **ASSEMBLAGE DE SEUIL DE SUINTEMENT POUR PORTE COULISSANTE**
[72] WILHELM, BRIAN, US
[72] DE LONAY, ROBIN T., US
[72] HINTZ, SCOTT, US
[72] BEYERL, TOM, US
[71] KOLBE & KOLBE MILLWORK CO., INC., US
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[72] LARSON, FRED, US
[71] FORTERRA PIPE & PRECAST, LLC, US
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[54] **DEPLOIEMENT DE CABLE MINERAL ISOLE EN FOND DE TROU**
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[72] ECK, DAN, US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **CAPTEUR DE POSITION DE PORTE DESTINE A UNE SERRURE ELECTROMAGNETIQUE**
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[72] JAY, DARIK, US
[71] HANCHETT ENTRY SYSTEMS INC., US
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[72] HINSBY, ANDERS MORKEBERG, DK
[72] JENSEN, THOMAS KIRKEGAARD, DK
[72] BOLWIG, GERT MADS, DK
[72] CAMOZZI, CARLOS ROBERTO, DK
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[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE NANOPARTICULES**
[72] HAEGGSTROM, EDWARD, FI
[72] YLIRUUSI, JOUKO, FI
[72] FALCK, KAI, FI
[72] RAIKKONEN, HEIKKI, FI
[72] PESSI, JENNI, FI
[72] LASSILA, ILKKA, FI
[72] MERILAINEN, ANTTI, FI
[71] NANOFORM FINLAND OY, FI
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[54] **CAPTEUR DE CIMENT A INFRAROUGE MOYEN**
[72] JONES, TIMOTHY, GB
[72] LAWRENCE, NATHAN, GB
[72] FUJISAWA, GO, GB
[72] CHAO, SHENG, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
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[72] SPEVAK, WAYNE, US
[72] ZHANG, JIAZHONG, US
[71] PLEXXIKON INC., US
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[54] **PLANT EXTRACTS FOR IMPROVING COGNITIVE FUNCTION**
[54] **EXTRAITS DE PLANTES POUR AMELIORER LA FONCTION COGNITIVE**
[72] CEDDIA, MICHAEL, US
[72] HERRLINGER, KELLI, US
[72] LEWIS, BRANDON, US
[72] NIEMAN, KRISTIN, US
[72] FENG, SHULIN, US
[71] KEMIN INDUSTRIES, INC., US
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[54] **COMPOSITIONS POUR AMELIORER LA QUALITE DE VIE ASSOCIEE A LA SANTE DE PATIENT ATTEINTS DE POLYARTHRITE RHUMATOIDE**
[72] JOSEPH, GEORGE JOHNY, US
[72] VAN HOOGSTRATEN, HUBERT, US
[72] CHEN, CHIEH-I, US
[72] FAN, CHUNGPENG, US
[72] GRAHAM, NEIL, US
[72] MOMTAHEN, TANYA MARIE, US
[72] GENOVESE, MARK, US
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[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **INHIBITION DE CANAL IONIQUE A POTENTIEL DE RECEPTEUR TRANSITOIRE A1**
[72] CHENARD, BERTAND L., US
[72] WU, XINYUAN, US
[71] HYDRA BIOSCIENCES, INC., US
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[72] DEGOEY, DAVID A., US
[72] FROST, JENNIFER M., US
[72] KOENIG, JOHN R., US
[72] LATSHAW, STEVE, US
[72] MATULENKO, MARK A., US
[72] SCANIO, MARC, US
[72] SHI, LEI, US
[72] BUNNELLE, WILLIAM H., US
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[54] **INHIBITEUR DE SSAO DERIVE D'IMIDAZO[4,5-C]PYRIDINE**
[72] ESPENSEN, MAX, GB
[72] PATIENT, LEE, GB
[72] SAVORY, EDWARD, GB
[71] PROXIMAGEN LIMITED, GB
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[54] **INHIBITEURS D'UNE SSAO DERIVES D'UNE IMIDAZO[4,5-C]PYRIDINE**
[72] PATIENT, LEE, GB
[72] SIMPSON, IAIN, GB
[72] SAVORY, EDWARD, GB
[71] PROXIMAGEN LIMITED, GB
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[54] **DISPOSITIF DE MESURE DE SYNCHRONISATION DE MATIERES PARTICULAIRES/DU NOMBRE PARTICULAIRE**
[72] MILLER, DAVID W., US
[72] HYND, JOHN WILLIAM, US
[72] SANDHU, GURDAS S., US
[72] BURNETTE, ANDREW D., US
[72] ROPKINS, KARL, GB
[71] 3DATX CORPORATION, US
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[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] **STIMULATEURS DE LA SGC**
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[72] NAKAI, TAKASHI, US
[72] LEE, THOMAS WAI-HO, US
[72] RENNIE, GLEN ROBERT, US
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[72] IYENGAR, RAJESH R., US
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[54] **UTILISATION D'IONS DE BROME DANS LA PRODUCTION D'ACIDE 2,5 FURANE DICARBOXYLIQUE**
[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[72] PETER, MATTHIAS, US
[71] NORTHWESTERN UNIVERSITY, US
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[72] SAHA, SAURABH, US
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[72] DECRESCENZO, GARY A., US
[72] WELSCH, DEAN, US
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[54] **DERIVES N-PYRIDINYL ACETAMIDE COMME INHIBITEURS DE LA OIE DE SIGNALISATION WNT**
[72] BHAMRA, INDER, GB
[72] MATHIESON, MICHAEL, GB
[72] DONOGHUE, CRAIG, GB
[72] TESTAR, RICHARD, GB
[71] REDX PHARMA PLC, GB
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[54] **NOUVEAUX ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE ET LEUR UTILISATION**
[72] BOUILLOT, ANNE MARIE JEANNE, FR
[72] DODIC, NERINA, FR
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **THREE-ZONE GASIFIER AND METHOD FOR OPERATING SUCH A GASIFIER IN ORDER TO THERMALLY CONVERT BYPRODUCTS AND WASTE MATERIALS**
[54] **GAZEIFIEUR A 3 ZONES ET PROCEDE DE FONCTIONNEMENT D'UN TEL GAZEIFIEUR POUR LA TRANSFORMATION THERMIQUE DE DECHETS ET DE RESIDUS**
[72] STREITENBERGER, HARTWIG, DE
[72] KABIS, ANDRE, DE
[72] STOBER, REINHARD, DE
[72] ZEPTER, JOHANNES, DE
[72] WILFER, ROBERT, DE
[71] RECOM PATENT & LICENSE GMBH, DE
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[87] (WO2015/039640)
[30] DE (10 2013 015 920.2) 2013-09-20

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[25] EN
[54] **INDOLINONE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES D'INDOLINONE ET LEURS UTILISATIONS**
[72] VERNIER, JEAN-MICHEL, US
[71] ONCTERNAL THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-10-07 (PCT/US2015/054533)
[87] (WO2016/057698)
[30] US (62/062,086) 2014-10-09

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[25] EN
[54] **QUINOLINONE PYRIMIDINES COMPOSITIONS AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**
[54] **COMPOSITIONS DE QUINOLEINONE PYRIMIDINES EN TANT QU'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**
[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051044)
[87] (WO2016/044781)
[30] US (62/053,010) 2014-09-19

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[25] EN
[54] **PHENYL QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**
[54] **DERIVES DE PHENYLQUINOLEINONE EN TANT QU'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**
[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051046)
[87] (WO2016/044782)
[30] US (62/053,006) 2014-09-19
[30] US (62/128,089) 2015-03-04
[30] US (62/206,631) 2015-08-18

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[25] EN
[54] **PYRIDINYL QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**
[54] **DERIVE DE PYRIDINYLQUINOLINONE EN TANT QU'INHIBITEURS DE L'ISOCITRATE DESHYDROGENASE MUTANTE**
[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051053)
[87] (WO2016/044787)
[30] US (62/053,006) 2014-09-19
[30] US (62/128,089) 2015-03-04
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[25] EN
[54] **PYRIDIN-2(1H)-ONE QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**
[54] **DERIVES DE PYRIDIN-2-(1H)-ONE-QUINOLINONE A TITRE D'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**
[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051055)
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[30] US (62/053,006) 2014-09-19
[30] US (62/128,089) 2015-03-04
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[13] A1
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[25] EN
[54] **PRE-SPRAY EMULSIONS AND POWDERS CONTAINING NON-POLAR COMPOUNDS**
[54] **PRE-EMULSIONS DE PULVERISATION ET POUDRES CONTENANT DES COMPOSES NON POLAIRES**
[72] BROMLEY, PHILIP J., US
[71] VIRUN, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051097)
[87] (WO2016/044813)
[30] US (62/052,450) 2014-09-18
[30] US (62/052,433) 2014-09-18

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[25] FR
[54] **COSMETIC AND/OR PHARMACEUTICAL COMPOSITION IN THE FORM OF A DISPERSION, METHOD FOR PREPARING SAME AND USE THEREOF FOR SKIN TREATMENT**
[54] **COMPOSITION COSMETIQUE ET/OU PHARMACEUTIQUE SOUS FORME DE DISPERSION, PROCEDE DE PREPARATION ET UTILISATION POUR LE TRAITEMENT DE LA PEAU**
[72] BIDAN, CATHERINE, FR
[72] CELLIER, DOMINIQUE, FR
[72] RATTIER, SANDY, FR
[72] MOULIS, LAURE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2017-03-20
[86] 2015-09-30 (PCT/FR2015/052615)
[87] (WO2016/051086)
[30] FR (1459434) 2014-10-02

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[25] EN
[54] **DIARYL UREA DERIVATIVES AS P38 KINASE INHIBITORS**
[54] **DERIVES DE DIARYLE-UREE EN TANT QU'INHIBITEURS DE KINASE P38**
[72] BAKER, THOMAS MATTHEW, GB
[72] FYFE, MATTHEW COLIN THOR, GB
[72] JONES, GERAINT, GB
[72] THOM, STEPHEN MALCOLM, GB
[71] RESPIVERT LIMITED, GB
[71] TOPIVERT PHARMA LIMITED, GB
[85] 2017-03-20
[86] 2015-10-01 (PCT/GB2015/052876)
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[30] GB (1417344.7) 2014-10-01
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[25] EN
[54] **A METHOD TO IMPROVE HALOGENATION REACTIONS**
[54] **PROCEDE D'AMELIORATION DE REACTIONS D'HALOGENATION**
[72] YANG, TERRIS, US
[72] TUNG, HSUEH SUNG, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2017-03-20
[86] 2015-10-05 (PCT/US2015/053950)
[87] (WO2016/057373)
[30] US (62/060,272) 2014-10-06
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[51] **Int.Cl. C07C 251/08 (2006.01) C07C 249/02 (2006.01) C08G 59/50 (2006.01)**
[25] EN
[54] **KETIMINES OF BENZYLATED POLYAMINES AS CURING AGENTS**
[54] **CETIMINES DE POLYAMINES BENZYLEES EN TANT QU'AGENTS DE DURCISSEMENT**
[72] MINNICH, KRISTEN ELAINE, US
[72] RUFO, MARCELO, BR
[72] VEDAGE, GAMINI ANANDA, US
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051405)
[87] (WO2016/048998)
[30] US (62/053,370) 2014-09-22

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[51] **Int.Cl. C10G 2/00 (2006.01) B01J 29/40 (2006.01)**
[25] EN
[54] **FORMING LIGHT HYDROCARBONS**
[54] **FORMATION D'HYDROCARBURES LEGERS**
[72] MALEK, ANDRZEJ, US
[72] DAVIDIAN, THOMAS, NL
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-03-21
[86] 2015-09-21 (PCT/US2015/051234)
[87] (WO2016/048900)
[30] US (62/053,922) 2014-09-23

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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/145 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINATION OF IMMUNOCOMPROMISED SUBJECTS**
[54] **VACCINATION DE SUJETS IMMUNODEPRIMES**
[72] DEL GIUDICE, GIUSEPPE, GB
[72] RAPPUOLI, RINO, GB
[72] BLACK, STEVEN, GB
[72] NICOLAY, UWE, GB
[71] SEQIRUS UK LIMITED, GB
[85] 2017-03-22
[86] 2015-09-25 (PCT/IB2015/057388)
[87] (WO2016/046799)
[30] US (62/056,019) 2014-09-26
[30] EP (14192174.2) 2014-11-06
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[51] **Int.Cl. A61K 39/135 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **FMDV RECOMBINANT VACCINES AND USES THEREOF**
[54] **VACCINS DE RECOMBINAISON FMDV ET LEURS UTILISATIONS**
[72] AUDONNET, JEAN-CHRISTOPHE, FR
[72] HANNAS-DJEBBARA, ZAHIA, FR
[72] MEBATSION, TESHOME, US
[72] CHIANG, YU-WEI, US
[72] WIDENER, JUSTIN, US
[72] REYNARD, FREDERIC, FR
[71] MERIAL INC., US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051755)
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[25] EN
[54] **PROCESSES FOR DESALTING CRUDE OIL UNDER DYNAMIC FLOW CONDITIONS**
[54] **PROCEDES DE DESSALAGE DU PETROLE BRUT DANS DES CONDITIONS D'ECOULEMENT DYNAMIQUE**
[72] ADAMSKI, ROBERT PAUL, US
[72] KINI, GAUTAM CHANDRAKANTH, US
[72] SHANKAR, SANTHOSH KUMAR, US
[72] BETHKE, GREGORY KENT, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-03-22
[86] 2015-10-05 (PCT/US2015/053922)
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[30] US (62/060,253) 2014-10-06

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[25] EN
[54] **BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS**
[54] **MICROCAPSULES POUVANT ETRE LIEES ET CHARGES FONCTIONNALISEES A LA SURFACE**
[72] GROSS, STEPHEN M., US
[72] MCHALE, WILLIAM A., US
[72] LATTA, MARK A., US
[71] PREMIER DENTAL PRODUCTS COMPANY, US
[85] 2017-03-22
[86] 2015-09-24 (PCT/US2015/051931)
[87] (WO2016/049308)
[30] US (62/055,127) 2014-09-25

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] ANDERSON, NIALL ANDREW, GB
[72] CAMPBELL-CRAWFORD, MATTHEW HOWARD JAMES, GB
[72] HANCOCK, ASHLEY PAUL, GB
[72] PRITCHARD, JOHN MARTIN, GB
[72] REDMOND, JOANNA MARY, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-03-23
[86] 2015-09-22 (PCT/EP2015/071777)
[87] (WO2016/046226)
[30] GB (1417011.2) 2014-09-26

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[51] **Int.Cl. C07D 207/325 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C01B 32/00 (2017.01) C01B 32/15 (2017.01) C01B 32/182 (2017.01) C01B 32/20 (2017.01)**
[25] EN
[54] **ADDUCTS BETWEEN CARBON ALLOTROPES AND SERINOL DERIVATIVES**
[54] **PRODUITS D'ADDITION ENTRE ALLOTROPES DE CARBONE ET DERIVES DE SERINOL**
[72] GALIMBERTI, MAURIZIO STEFANO, IT
[72] BARBERA, VINCENZINA, IT
[72] SEBASTIANO, ROBERTO, IT
[72] VALERIO, ANTONIO MARCO, IT
[72] LEONARDI, GABRIELLA, IT
[72] CITTERIO, ATTILIO, IT
[71] PIRELLI TYRE S.P.A., IT
[71] POLITECNICO DI MILANO, IT
[85] 2017-03-23
[86] 2015-09-30 (PCT/EP2015/072641)
[87] (WO2016/050887)
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[51] **Int.Cl. C10G 32/02 (2006.01) C22C 1/02 (2006.01) C22C 9/04 (2006.01) C22F 1/08 (2006.01) F02M 27/04 (2006.01) F17D 1/16 (2006.01)**
[25] EN
[54] **DEVICE FOR LOWERING THE POUR POINT OF CRUDE OIL OR HEAVY FUEL OIL**
[54] **DISPOSITIF PERMETTANT D'ABAISSER LE POINT D'ECOULEMENT DE PETROLE BRUT OU DE MAZOUT LOURD**
[72] DRVAR, ANTUN, HR
[71] DRVAR, ANTUN, HR
[85] 2017-03-23
[86] 2015-09-24 (PCT/HR2015/000017)
[87] (WO2016/046578)
[30] HR (P20140917A) 2014-09-25

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[13] A1
[51] **Int.Cl. C07D 498/08 (2006.01) A61K 31/5386 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF 1-(1-METHYL-1H-PYRAZOL-4-YL)-N-((1R,5S,7S)-9-METHYL-3-OXA-9-AZABICYCLO[3.3.1]NONAN-7-YL)-1H-INDOLE-3-CARBOXAMIDE**
[54] **FORME CRISTALLINE DE 1-(1-METHYL-1H-PYRAZOL -4-YL)-N-((1R,5S,7S) -9-METHYL-3-OXA-9-AZABICYCLO[3.3.1]NONAN-7-YL)-1H-INDOLE-3-CARBOXAMIDE**
[72] ZHAO, YUXIN, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2017-03-23
[86] 2015-09-29 (PCT/US2015/052806)
[87] (WO2016/053947)
[30] US (62/056,982) 2014-09-29

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[51] **Int.Cl. C07D 211/70 (2006.01) A61K 8/49 (2006.01) A61K 31/44 (2006.01) A61P 17/16 (2006.01) A61Q 17/04 (2006.01) C07D 211/72 (2006.01)**
[25] EN
[54] **PHOTOSTABLE COMPOUNDS, ABSORBING COMPOUNDS AND USES THEREOF**
[54] **COMPOSES PHOTOSTABLES, COMPOSES ABSORBANTS ET UTILISATIONS ASSOCIEES**
[72] RYAN, JOHN, AU
[72] YORK, MARK, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2017-03-29
[86] 2016-11-28 (PCT/AU2016/051162)
[87] (2962542)
[30] AU (2015904932) 2015-11-27

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[51] **Int.Cl. G01N 29/24 (2006.01) G01N 29/28 (2006.01) G01S 7/521 (2006.01)**
[25] FR
[54] **METHOD FOR WETTING A SONOTRODE**
[54] **PROCEDE DE MOUILLAGE D'UNE SONOTRODE**
[72] ACHARD, JEAN-LOUIS, FR
[72] JARRY, PHILIPPE, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2017-03-24
[86] 2015-10-06 (PCT/FR2015/052679)
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[30] FR (1402256) 2014-10-07

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[13] A1
[51] **Int.Cl. G01N 29/28 (2006.01) G01N 29/036 (2006.01) G01N 33/20 (2006.01) G01S 15/88 (2006.01)**
[25] FR
[54] **METHOD FOR INSPECTING A LIQUID METAL BY ULTRASOUNDS**
[54] **PROCEDE DE CONTROLE PAR ULTRASONS D'UN METAL LIQUIDE**
[72] ACHARD, JEAN-LOUIS, FR
[72] LE BRUN, PIERRE, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2017-03-24
[86] 2015-10-06 (PCT/FR2015/052680)
[87] (WO2016/055729)
[30] FR (1402257) 2014-10-07

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[13] A1
[51] **Int.Cl. C07C 275/28 (2006.01) A61K 31/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SOLID DRUG FORM OF N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-((1-(4-(DIMETHYLAMINO)PHENYL)CYCLOPENTYL) METHYL)UREA HYDROCHLORIDE AND COMPOSITIONS, METHODS AND KITS RELATED THERETO**
[54] **FORME MEDICAMENTEUSE SOLIDE DU CHLORHYDRATE DE N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-((1-(4-(DIMETHYLAMINO) PHENYL)CYCLOPENTYL)METHYL)UREE ET COMPOSITIONS, PROCEDES ET KITS S'Y RAPPORTANT**
[72] MATUNAS, ROBERT, US
[72] CHEN, HERMAN, US
[72] BETANCOURT, AIMESTHER, CA
[72] UZARAMA, CHARLES, CA
[72] THIBERT, ROCH, CA
[71] MILLENDO THERAPEUTICS, INC., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052338)
[87] (WO2016/049518)
[30] US (62/055,964) 2014-09-26
[30] US (62/086,153) 2014-12-01

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[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **USE OF AN ACIDIC SOLVENT AND WATER IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**
[54] **UTILISATION D'UN SOLVANT ACIDE ET D'EAU DANS LA PRODUCTION D'ACIDE 2,5 FURANE DICARBOXYLIQUE**
[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2017-03-24
[86] 2015-10-07 (PCT/US2015/054501)
[87] (WO2016/057673)
[30] US (62/061,843) 2014-10-09

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[13] A1
[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **USE OF REACTANTS IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**
[54] **UTILISATION DE REACTIFS DANS LE CADRE DE LA PRODUCTION D'ACIDE 2,5-FURANE DICARBOXYLIQUE**
[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **USE OF HALOGENS IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**
[54] **UTILISATION D'HALOGENES DANS LE CADRE DE LA PRODUCTION D'ACIDE 2,5-FURANE DICARBOXYLIQUE**
[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **BRAKE CYLINDER DUST COVER AND WATERPROOF BRAKE CYLINDER USING SUCH DUST COVER**
[54] **PARE-POUSSIERE DE CYLINDRE DE FREIN ET CYLINDRE DE FREIN A L'EPREUVE DE L'EAU COMPORTANT UN TEL PARE-POUSSIERE**
[72] LIU, YI, CN
[72] LI, GUO, CN
[72] XIAO, CHEN, CN
[72] SHEN, JIANHONG, CN
[72] AN, HONG, CN
[72] XIAO, WEIYUAN, CN
[72] LV, CHAO, CN
[72] QUAN, QIONG, CN
[72] DU, XIA, CN
[72] WEI, XUELI, CN
[72] SHI, YUNXIAO, CN
[72] LV, LIANG, CN
[72] ZHANG, JUNYING, CN
[72] WANG, QIN, CN
[72] WANG, KAIEN, CN
[72] MAO, FUYING, CN
[71] MEISHAN CRRC BRAKE SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2017-05-24
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[54] **ROTARY CHANGER**
[54] **APPAREIL D'ECHANGE ROTATIF**
[72] HUYNH, HUU THINH, JP
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[71] TIPMAN CO., LTD., JP
[85] 2017-06-23
[86] 2016-11-24 (PCT/JP2016/084855)
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[25] EN
[54] **INTEGRATED TECHNIQUES FOR PRODUCING BIO-METHANOL**
[54] **TECHNIQUES INTEGREES DE PRODUCTION DE BIOMETHANOL**
[72] MACGREGOR, NORMAN J., CA
[71] ULTRA CLEAN ECOLENE INC., CA
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[25] EN
[54] **ENTHALPY EXCHANGER ELEMENT, ENTHALPY EXCHANGER COMPRISING SUCH ELEMENTS AND METHOD FOR THEIR PRODUCTION**
[54] **ELEMENT D'ECHANGEUR ENTHALPIQUE, ECHANGEUR ENTHALPIQUE COMPORTANT DE TELS ELEMENTS ET LEUR PROCEDE DE PRODUCTION**
[72] HIRSCH, CHRISTIAN, DE
[72] BRANDT, STEFAN, DE
[72] BIER, CHRISTIAN, DE
[72] MAYERSHOFER, MARTIN, DE
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[71] SYMPATEX TECHNOLOGIES GMBH, DE
[85] 2017-07-20
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[54] **SPRAY TOOL SYSTEM**
[54] **SYSTEME D'OUTIL DE PULVERISATION**
[72] HOOPER, JUSTIN RICHARD, US
[72] GUERNSEY, JONATHAN JEAN, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[54] **DELIVERY OF HYDROPHOBIC ACTIVE AGENT PARTICLES**
[54] **ADMINISTRATION DE PARTICULES D'UN AGENT ACTIF HYDROPHOBE**
[72] SLAGER, JORAM, US
[72] HEYER, TONI M., US
[72] BABCOCK, DAVID E., US
[71] SURMODICS, INC., US
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[54] **APPAREIL DE SEPARATION ACOUSTIQUE**
[72] BERSE, MICHAEL, DE
[72] TIMMER, GUIDO, DE
[72] SCHIEFER, PATRIK, DE
[71] ZBV-AUTOMATION GMBH, DE
[85] 2017-07-26
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[25] EN
[54] **MASS EXCHANGE APPARATUS AND METHODS FOR THE USE THEREOF**
[54] **APPAREIL D'ECHANGE DE MASSE ET SES PROCEDES D'UTILISATION**
[72] JOHNS, WILLIAM R, GB
[72] EVANS, ALAN F, GB
[72] KNIGHT, RONALD K, GB
[71] HAEMAIR LIMITED, GB
[85] 2017-07-26
[86] 2016-01-18 (PCT/GB2016/050098)
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[25] EN
[54] **PLATINUM GROUP METAL (PGM) CATALYSTS FOR AUTOMOTIVE EMISSIONS TREATMENT**
[54] **CATALYSEURS A METAL DU GROUPE DU PLATINE (PGM) POUR TRAITEMENT DES EMISSIONS AUTOMOBILES**
[72] KARPOV, ANDREY, DE
[72] PRELI, DAVID, US
[72] WASSERMANN, KNUT, US
[72] SUNDERMANN, ANDREAS, DE
[72] CHOI, SANG-IL, US
[72] LU, PING, US
[72] XIA, YOUNAN, US
[71] BASF CORPORATION, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **LAYERED MEDICAL APPLIANCES AND METHODS**
[54] **APPAREILS MEDICAUX EN COUCHES ET PROCEDES**
[72] HALL, JOHN, US
[72] MOWER, WAYNE, US
[72] SIMMONS, RACHEL, US
[72] DOLMATCH, BART, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2017-07-28
[86] 2016-02-25 (PCT/US2016/019487)
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[25] EN
[54] **RHODIUM-CONTAINING CATALYSTS FOR AUTOMOTIVE EMISSIONS TREATMENT**
[54] **CATALYSEURS CONTENANT DU RHODIUM POUR LE TRAITEMENT D'EMISSIONS D'AUTOMOBILES**
[72] KARPOV, ANDREY, DE
[72] PRELI, DAVID, US
[72] WASSERMANN, KNUT, US
[72] SUNDERMANN, ANDREAS, DE
[72] CHOI, SANG-IL, US
[72] XIA, YOUNAN, US
[71] BASF CORPORATION, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[25] FR
[54] **DISPENSING DEVICE FOR AGRICULTURAL SPRAYER**
[54] **DISPOSITIF DE DISTRIBUTION POUR UN PULVERISATEUR AGRICOLE**
[72] CHARCOSSET, PHILIPPE, FR
[72] CARRA, YVES, FR
[71] EXEL INDUSTRIES, FR
[85] 2017-07-31
[86] 2016-02-03 (PCT/FR2016/050224)
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[25] EN
[54] **NO CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT DES NO**
[72] DUNCAN, MORVEN, GB
[72] WARRENDER, STEWART, GB
[72] MORRIS, RUSSELL EDWARD, GB
[72] CATTANEO, DAMIANO, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2017-08-01
[86] 2016-01-28 (PCT/GB2016/050183)
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[25] EN
[54] **SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL**
[72] SCOTT, KENNETH, GB
[72] LORD, CHRISTOPHER, GB
[72] JONES, DAVID, GB
[72] MCDONALD, STEPHEN J., GB
[72] SUDLOW, THOMAS S., GB
[71] FONTEM HOLDINGS 1 B.V., NL
[85] 2017-08-01
[86] 2016-02-05 (PCT/GB2016/050282)
[87] (WO2016/128717)
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[51] **Int.Cl. B64G 1/34 (2006.01) B64G 1/62 (2006.01) B64G 1/24 (2006.01)**
[25] FR
[54] **AEROBRAKING SATELLITE DEORBITING SYSTEM**
[54] **SYSTEME D'AEROFREINAGE POUR DESORBITATION DE SATELLITE**
[72] RASSE, BENJAMIN, FR
[72] DAMIANO, PATRICE, FR
[71] ARIANEGROUP SAS, FR
[85] 2017-08-02
[86] 2016-02-02 (PCT/EP2016/052173)
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[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET DECOUPE DE CARTON**
[72] WALLING, BRADFORD J., US
[72] LOFTIN, CALEB S., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2017-08-02
[86] 2016-01-29 (PCT/US2016/015609)
[87] (WO2016/126541)
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[54] **MAGNETIC FILTER FOR A CENTRAL HEATING SYSTEM**
[54] **FILTRE MAGNETIQUE POUR UN SYSTEME DE CHAUFFAGE CENTRAL**
[72] DOWNIE, SIMON, GB
[72] PATHAN, KASHEM, GB
[71] ADEY HOLDINGS (2008) LIMITED, GB
[85] 2017-08-03
[86] 2016-01-28 (PCT/GB2016/050186)
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[25] EN
[54] **CENTRIFUGAL BLOWER SYSTEM WITH INTERNAL GAS MIXING AND GAS PHASE CHEMICAL REACTOR INCORPORATING SAME**
[54] **SYSTEME DE VENTILATEUR CENTRIFUGE AVEC MELANGE INTERNE DE GAZ ET REACTEUR CHIMIQUE EN PHASE GAZEUSE INCORPORANT CELUI-CI**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[71] WATT FUEL CELL CORP, US
[85] 2017-08-03
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[25] EN
[54] **IMPROVED FLUID TREATMENT APPARATUS AND PROCESSES**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DE FLUIDE AMELIORE**
[72] PHILPOTT, RICHARD, GB
[72] MAHAMUNI, NARESH, US
[72] PISHCHALNIKOV, YURI, US
[72] FISCHER, JASON EVEREST, US
[71] CHELAN, INC., US
[71] PHILPOTT, RICHARD, GB
[71] MAHAMUNI, NARESH, US
[71] PISHCHALNIKOV, YURI, US
[71] FISCHER, JASON EVEREST, US
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[25] EN
[54] **DEMAND RESPONSE IMPLEMENTED IN AN INFRASTRUCTURE HAVING A DC LINK**
[54] **REPONSE PORTANT SUR UNE DEMANDE, MISE EN □UVRE DANS UNE INFRASTRUCTURE COMPRENANT UNE LIAISON A COURANT CONTINU**
[72] TRUDEL, GILLES, CA
[72] JASMIN, SIMON, CA
[72] NORMANDIN, IRENEE, CA
[71] BIPCO-SOFT R3 INC., BB
[85] 2017-08-04
[86] 2016-02-04 (PCT/IB2016/050591)
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[25] EN
[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR, ET PROCEDE DE GENERATION DE PARITE SUPPLEMENTAIRE CORRESPONDANT**
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
[86] 2016-02-25 (PCT/KR2016/001880)
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[25] EN
[54] **TRANSMITTER AND REPETITION METHOD THEREOF**
[54] **EMETTEUR ET PROCEDE DE REPETITION ASSOCIE**
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
[86] 2016-02-24 (PCT/KR2016/001820)
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[25] EN
[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR ET PROCEDE POUR GENERER UNE PARITE ADDITIONNELLE POUR CELUI-CI**
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
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[30] US (62/120,560) 2015-02-25
[30] KR (10-2015-0137180) 2015-09-27

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[25] EN
[54] **OPTICAL ADAPTOR FOR MOUNTING TO A RECEPTACLE TO OPTICALLY COUPLE CONNECTORIZED OPTICAL CABLES**
[54] **ADAPTATEUR OPTIQUE DESTINE A ETRE MONTE SUR UN RECEPTACLE POUR COUPLER OPTIQUEMENT DES CABLES OPTIQUES A CONNECTEURS**
[72] MUELLER-SCHLOMKA, GORDON, DE
[72] WIMMER, MICHAEL, DE
[71] CCS TECHNOLOGY, INC., US
[85] 2017-08-04
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[51] **Int.Cl. B05D 5/08 (2006.01) B05D 3/06 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **METHOD OF APPLYING A SULFUR-CONTAINING SEALING COMPOUND, APPARATUS THEREFOR, CORRESPONDINGLY TREATED AEROSPACE VEHICLE AND USE THEREOF**
[54] **PROCEDE POUR L'APPLICATION D'UNE MASSE D'ETANCHEITE CONTENANT DU SOUFRE, DISPOSITIF A CET EFFET, AERONEF OU ENGIN SPATIAL TRAITE DE MANIERE CORRESPONDANTE ET SON UTILISATION**
[72] BONS, PETER, DE
[72] REICHERT, SWETLANA, DE
[72] SIEVERS, BJORN, DE
[72] KRALEV, MIROSLAV, DE
[71] CHEMETALL GMBH, DE
[85] 2017-08-07
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[25] EN
[54] **MODEL PREDICTIVE DAMPING OF OSCILLATIONS IN AN ELECTRICAL CONVERTER SYSTEM**
[54] **AMORTISSEMENT D'OSCILLATIONS PREDICTIF A MODELES DE SYSTEME DE CONVERTISSEUR ELECTRIQUE**
[72] AL-HOKAYEM, PETER, CH
[72] PEJCIC, IVAN, CH
[71] ABB SCHWEIZ AG, CH
[85] 2017-08-08
[86] 2016-01-13 (PCT/EP2016/050563)
[87] (WO2016/134874)
[30] EP (15156558.7) 2015-02-25

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[51] **Int.Cl. G09F 13/18 (2006.01) G09F 21/04 (2006.01)**
[25] EN
[54] **LIGHT ASSEMBLY FOR ILLUMINATING AN EMBLEM**
[54] **ENSEMBLE LUMINEUX D'ECLAIRAGE D'EMBLEME**
[72] IORDACHE, LUCIAN, CA
[72] YU, NELSON, CA
[71] TYCO ELECTRONICS CANADA ULC, CA
[85] 2017-08-04
[86] 2016-02-03 (PCT/US2016/016290)
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[30] US (62/114,724) 2015-02-11
[30] US (15/004,019) 2016-01-22

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[51] **Int.Cl. H02G 1/08 (2006.01)**
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[54] **PULLING DEVICE**
[54] **DISPOSITIF DE TRACTION**
[72] MARGAI, DIANA BERNADETT, HU
[71] WIRE-HOLDER KFT, HU
[85] 2017-08-08
[86] 2016-02-15 (PCT/HU2016/050005)
[87] (WO2016/128782)
[30] HU (P1500062) 2015-02-13
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[71] RAYTHEON COMPANY, US
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[54] **CATALYSEUR D'OXYDATION DE DIESEL**
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[72] MCCANTY, PATRICK WILLIAM, US
[72] ROTH, STANLEY A., US
[72] ZHENG, XIAOLAI, US
[72] GERLACH, OLGA, DE
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[71] BASF CORPORATION, US
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[54] **SYSTEME DE FERMETURE POUR RECIPIENTS**
[72] COFFEY, BRENDAN, US
[72] WARRENBURG, WILLIAM L., US
[71] SNSTECH, LLC, US
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[54] **SEPARATEUR DE FAISCEAU ET DISPOSITIF D'EXAMEN D'UN ECHANTILLON EXCITABLE AU MOYEN D'UN RAYONNEMENT ELECTROMAGNETIQUE**
[72] MULLER, RALF, DE
[72] ORTLEPP, HANS-GEORG, DE
[71] EYESENSE GMBH, DE
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[54] **EMBALLAGE**
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[72] HILL, MARK, GB
[71] PARKSIDE FLEXIBLES (EUROPE) LIMITED, GB
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[54] **PORTABLE SAFETY CONTROL DEVICE FOR INDUSTRIAL MACHINES, IN PARTICULAR ROBOTS**
[54] **DISPOSITIF DE COMMANDE DE SECURITE PORTABLE POUR MACHINES INDUSTRIELLES, EN PARTICULIER POUR DES ROBOTS**
[72] BORDEGNONI, STEFANO, IT
[72] CINIELLO, FRANCESCO, IT
[71] COMAU S.P.A., IT
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[25] EN
[54] **METHOD FOR THE SURFACE APPLICATION OF A SECURITY DEVICE TO A SUBSTRATE**
[54] **PROCEDE D'APPLICATION EN SURFACE D'UN DISPOSITIF DE SECURITE A UN SUBSTRAT**
[72] PRETT, GILES D., US
[72] JAIN, MANISH, US
[72] BRIGHAM, KRAIG M., US
[71] CRANE & CO., INC., US
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[54] **ECHANGEUR-REACTEUR MILLI-STRUCTURE POUR UNE PRODUCTION D'HYDROGENE INFERIEURE A 10 NM3/H**
[72] DEL-GALLO, PASCAL, FR
[72] DUBET, OLIVIER, FR
[72] FLIN, MATTHIEU, FR
[72] PROST, LAURENT, FR
[72] WAGNER, MARC, FR
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[54] **DEVICE FOR THERMOFORMING CONTAINERS HAVING TRANSLATIONAL MOULD BLOCKS**
[54] **DISPOSITIF DE THERMOFORMAGE DE RECIPIENTS A BLOCS DE MOULES TRANSLATIFS**
[72] LE METAYER, SEBASTIEN, FR
[71] ERCA, FR
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[54] **PERFECTIONNEMENTS APPORTES A DES CIRCUITS DE SORTIE NUMERIQUE OU S'Y RAPPORTANT**
[72] FAWCETT, TIMOTHY JAMES, GB
[72] DRAPER, MARK, GB
[72] GARCIA, ANTOINE, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[72] HUANG, HAO, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **INTEGRATED WIND LASER RANGEFINDER RECEIVER**
[54] **RECEPTEUR INTEGRE DE TELEMETRIE LASER POUR LE VENT**
[72] MARYFIELD, TONY, US
[72] DADKHAH, MAHYAR, US
[71] CUBIC CORPORATION, US
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[54] **CAPTEUR OPTIQUE POUR TELEMETRIE ET MESURES DE DETECTION DU VENT**
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[72] DADKHAH, MAHYAR, US
[71] CUBIC CORPORATION, US
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[54] **CONNECTION DEVICE FOR CABLES**
[54] **DISPOSITIF DE RACCORDEMENT POUR CABLE**
[72] LINDKAMP, MARC, DE
[72] WOLFF, HANNO HARRY, DE
[72] BUSSMANN, RAINER, DE
[71] HARTING ELECTRONICS GMBH, DE
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[72] HAWLEY, RONALD CLARE, US
[72] MAZULA, DEREK JOEL, US
[71] INTEGRATED COMPOSITE PRODUCTS, INC., US
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[54] **SYSTEME D'EVALUATION DES FUITES D'UN ARTICLE ABSORBANT**
[72] LONG, ANDREW M., US
[72] SULLIVAN, SHAWN J., US
[72] ROBERTSON, JOHN C., US
[72] DODGE, RICHARD N., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **ATTACHABLE AND DETACHABLE, PORTABLE ELECTRIC HEATING DEVICE FOR APPAREL AND METHOD OF USE THEREOF**
[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE PORTATIF, POUVANT ETRE FIXE ET DESOLIDARISE POUR VETEMENT ET PROCEDE D'UTILISATION ASSOCIE**
[72] DEVITO, ANTHONY W., US
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[54] **CONVERSION D'UN MILIEU FILTRANT EN FILTRE A MEMBRANE A GRAVITE**
[72] COTE, PIERRE LUCIEN, CA
[72] CADERA, JASON, CA
[72] PEDERSEN, STEVEN KRISTIAN, CA
[72] ADAMS, NICHOLAS WILLIAM H., CA
[71] GENERAL ELECTRIC COMPANY, US
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[54] **TRAITEMENT DE BOIS**
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[72] THOMAS, KELL, DK
[71] DANISH WOOD TECHNOLOGY A/S, DK
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[54] **MANCHON DE SOUDAGE POUR CABLES BLINDES**
[72] HANSSON, ANDERS, SE
[72] TYRBERG, ANDREAS, SE
[72] HEDLUND, JOHAN, SE
[71] NKT HV CABLES GMBH, CH
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[25] EN
[54] **LIGHT-EMITTING DIODE APPARATUS AND METHOD FOR MANUFACTURING A LIGHT-EMITTING DIODE APPARATUS**
[54] **DISPOSITIF A DIODE ELECTROLUMINESCENTE ET PROCEDE DE FABRICATION D'UN DISPOSITIF A DIODE ELECTROLUMINESCENTE**
[72] KLOTH, BERND, DE
[72] FLUGEL, MATTHIAS, DE
[72] JAIKOW, ROMAN, DE
[71] JENOPTIK POLYMER SYSTEMS GMBH, DE
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[54] **METHOD FOR REGENERATING HYDROGENATION CATALYST FOR PHTHALATE COMPOUND**
[54] **PROCEDE DE REGENERATION DU CATALYSEUR D'HYDROGENATION D'UN COMPOSE DE PHTALATE**
[72] JUNG, KI TAEG, KR
[72] YOON, KYONG JUN, KR
[72] KIM, HYO SUK, KR
[72] KWAK, JANG YOUNG, KR
[72] SEONG, PIL JE, KR
[72] LEE, KYOUNG IL, KR
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[54] **SEPARATEURS AMELIORES DE TYPE TUBES A TOURBILLON**
[72] CARROLL, CIAN SEAMUS, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
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[54] **DISPOSITIF POUR ABSORBER LE BRUIT ELECTRIQUE DE CABLES**
[72] WEIDINGER, ROBERT, AT
[72] TREBUCH, SIMON, AT
[72] SCHLEICH, HARALD, DE
[72] MUTSCH, STEFFEN, DE
[72] FIEBIG, NILS-HENNING, DE
[71] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
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[54] **GRILLE DE SUPPORT DE CATALYSEUR**
[72] WILLIAMS, LAWRENCE L., US
[72] CASTILLO, GREGORIO, US
[71] WOVEN METAL PRODUCTS, INC., US
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[54] **METHOD FOR CREATING A HIDDEN PATTERN**
[54] **PROCEDE DE CREATION D'UN MOTIF CACHE**
[72] BOLLSTROM, ROGER, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK, A. C., CH
[71] OMYA INTERNATIONAL AG, CH
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[54] **IMPACT ICE DRILLER**
[54] **FOREUSE A PERCUSSION POUR LA GLACE**
[72] LU, LIMENG, CN
[71] NINGBO NGP INDUSTRY CO., LTD., CN
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[25] EN
[54] **BLOW MOLD FOR MANUFACTURING CONTAINERS MADE OF THERMOPLASTIC MATERIAL**
[54] **MOULE DE SOUFFLAGE POUR LA FABRICATION DE RECIPIENTS FABRIQUES EN MATIERE THERMOPLASTIQUE**
[72] BISCHER, LUIGINO, IT
[72] DELLA PRIA, LUCA, IT
[72] GAIOTTI, DAVID, IT
[72] PERUZZO, GIADA, IT
[72] ZOPPAS, MATTEO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
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[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] MOORE, WILLIAM D., US
[72] JOHNSON, PHILIP S., US
[72] BIRO, JOSHUA M., US
[72] MICHAELS, PAUL G., US
[72] RASSOOLKHANI, PAYMAN, US
[71] NIDEC MOTOR CORPORATION, US
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[30] US (62/117,810) 2015-02-18
[30] US (62/153,985) 2015-04-28
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[54] **ADAPTATEUR DE PULVERISATEUR**
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[72] BURNS, MARVIN D., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[54] **METHOD AND DEVICE FOR FRAGMENTING AND/OR WEAKENING A PIECE OF MATERI AL BY MEANS OF HIGH VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT D'UN MORCEAU DE MATERIAU AU MOYEN DE DECHARGES DE HAUTE TENSION**
[72] KAEPPELER, JOHANNES, CH
[72] MORACH, MARION ESTHER, CH
[72] WEH, ALEXANDER, DE
[72] MULLER-SIEBERT, REINHARD, CH
[71] SELFRAG AG, CH
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[25] EN
[54] **METHOD AND DEVICES FOR FRAGMENTING AND/OR WEAKENING OF POURABLE MATERIAL BY MEANS OF HIGH-VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT D'UN MATERIAU COULANT AU MOYEN D'UNE DECHARGE A HAUTE TENSION**
[72] MULLER-SIEBERT, REINHARD, CH
[72] KOLLY, JOEL, CH
[71] SELFRAG AG, CH
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[54] **TISSUS CONTENANT DES MELANGES DE FIBRES DE FLUOROPOLYMERE A FAIBLE DENSITE ADAPTABLES**
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[72] CLOUGH, NORMAN E., US
[72] MINOR, RAYMOND B., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPOSITE ARTICLES HAVING ENHANCED ELECTRICAL PROPERTIES**
[54] **PROCEDE DE PREPARATION D'ARTICLES COMPOSITES POSSEDANT DES PROPRIETES ELECTRIQUES AMELIOREES**
[72] ROUSSEAUX, DIMITRI, BE
[72] VAES, GEERT, BE
[72] BOUKALIDIS, CRISTO, BE
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[85] 2017-08-16
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
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[72] DAVIS, NIGEL, GB
[72] TULLOCH, ANDREW, GB
[71] AAN MEDICAL LIMITED, GB
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[25] FR
[54] **METHOD FOR MANUFACTURING A TURBOMACHINE BLADE MADE OF COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UNE AUBE DE TURBOMACHINE EN MATERIAU COMPOSITE**
[72] MARSAL, DAVID, FR
[72] ROUSSILLE, CLEMENT, FR
[72] BLACHIER, JEREMY, FR
[71] SAFRAN CERAMICS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **EXTRACTION D'UN GANT MOULE PAR IMMERSION DEPUIS UNE FORME DE MOULAGE**
[72] STOLLERY, JONATHAN WILLIAM, GB
[72] STOLLERY, KIM MARIE, GB
[71] SAFEDON LIMITED, GB
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[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS, AND INTERFACE ASSEMBLY AND DISPLAY APPARATUS THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE, ET APPAREIL D'ENSEMBLE D'INTERFACE ET D'AFFICHAGE CORRESPONDANT**
[72] DEVINE, JACK, US
[72] JANUSEK, MARK A., US
[71] EATON CORPORATION, US
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR EYEBOX EXPANSION IN WEARABLE HEADS-UP DISPLAYS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EXPANSION DE BOITIER OCULAIRE DANS DES AFFICHAGES TETE HAUTE PORTABLES**
[72] ALEXANDER, STEFAN, CA
[72] BAILEY, MATTHEW, CA
[72] HOLLAND, LLOYD FREDERICK, CA
[72] MOORE, JOSHUA, CA
[72] MORRISON, VANCE R., CA
[71] THALMIC LABS INC., CA
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EXPANSION DE BOITIER OCULAIRE DANS DES AFFICHAGES TETE HAUTE PORTABLES**
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[72] ALEXANDER, STEFAN, CA
[72] MORRISON, VANCE R., CA
[72] HOLLAND, LLOYD FREDERICK, CA
[71] THALMIC LABS INC., CA
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[54] **METHOD AND DEVICE FOR FRAGMENTING AND / OR WEAKENING OF POURABLE MATERIAL BY MEANS OF HIGH-VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET / OU D'AFFAIBLISSEMENT D'UN MATERIAU COULANT AU MOYEN DE DECHARGES A HAUTE TENSION**
[72] WEH, ALEXANDER, CH
[72] AEBY, JEAN-PIERRE, CH
[72] KAPPELER, JOHANNES, CH
[71] SELFRAG AG, CH
[85] 2017-08-17
[86] 2016-02-24 (PCT/CH2016/000033)
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[54] **METHOD FOR REDUCING THE WINDING LEVEL ADHESIVENESS OF AN ADHESIVE TAPE ROLL**
[54] **PROCEDE POUR REDUIRE LE CARACTERE COLLANT DE LA TRANCHE D'UN ROULEAU DE RUBAN ADHESIF**
[72] BENDEICH, MANUEL, DE
[72] HAHNEL, MARCEL, DE
[72] KOOPS, ARNE, DE
[71] TESA SE, DE
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[54] **DISPOSITIF EXTENSEUR DE TISSU PRESENTANT UNE FIXATION PECTORALE**
[72] DAVILA, LUIS ALBERTO, US
[72] GRAF, UDO WERNER, US
[72] CANADY, JOHN WESLEY, US
[71] MENTOR WORLDWIDE LLC, US
[85] 2017-08-17
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[54] **ABSORBENT ARTICLES FORMING A THREE-DIMENSIONAL BASIN**
[54] **ARTICLES ABSORBANTS FORMANT UN BASSIN A TROIS DIMENSIONS**
[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] JACKELS, HANS ADOLF, DE
[72] STOELZEL, CLAUS PETER, DE
[72] ZIPF, CHRISTINE ELISABETH, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SEGREGATION OF MINERAL-CONTAINING OBJECTS OR PLASTIC OBJECTS**
[54] **TRI D'OBJETS CONTENANT DES MINERAUX OU D'OBJETS EN MATIERE PLASTIQUE**
[72] HUBER, REINHOLD, AT
[72] TAUCHNER, REINHARD, AT
[71] BINDER + CO AG, AT
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[54] **MEDICAL DEVICES FOR GENERATING HEAT AND METHODS OF TREATMENT USING SAME**
[54] **DISPOSITIFS MEDICAUX DE GENERATION DE CHALEUR ET PROCEDES DE TRAITEMENT LES UTILISANT**
[72] WAUGH, JACOB M., US
[71] CANDESANT BIOMEDICAL, US
[85] 2017-08-17
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[25] EN
[54] **SYSTEMS AND METHODS FOR BULK REDACTION OF RECORDED DATA**
[54] **SYSTEMES ET PROCEDES DE CAVIARDAGE EN MASSE DE DONNEES ENREGISTREES**
[72] KHOO, AARON, US
[72] ZAYAS, ABRAHAM ALVAREZ, US
[72] WOMACK, MARCUS W. L., US
[72] REITZ, JAMES NORTON, US
[71] AXON ENTERPRISE, INC., US
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[25] EN
[54] **A LASER SAFETY ADAPTOR FOR USE IN LASER BASED IMAGING SYSTEMS AND RELATED DEVICES**
[54] **ADAPTATEUR DE SECURITE LASER A UTILISER DANS DES SYSTEMES D'IMAGERIE BASES SUR LE LASER ET DISPOSITIFS ASSOCIES**
[72] PENG, ZHIYONG, US
[72] FERGUSON, T. BRUCE, JR., US
[72] CHEN, CHENG, US
[72] JACOBS, KENNETH MICHAEL, US
[71] EAST CAROLINA UNIVERSITY, US
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[25] EN
[54] **RANDOM ACCESS PROCEDURES UNDER COVERAGE LIMITATIONS**
[54] **PROCEDURES D'ACCES ALEATOIRE DANS LES LIMITES D'UNE COUVERTURE**
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-17
[86] 2016-04-03 (PCT/US2016/025797)
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[25] EN
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[54] **ADAPTATEUR DE PATIENT POUR APPAREIL LASER OCULAIRE**
[72] DEISINGER, THOMAS, DE
[72] THIMM, DANIEL, DE
[71] WAVELIGHT GMBH, DE
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[25] EN
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[54] **CONSORTIA MICROBIENS**
[72] YOON, SUNG-YONG H., US
[72] SWORDS, KATHLEEN, US
[72] WAGNER, D. RY, US
[72] RAJAGOPAL, SELVASUNDARAM, IN
[71] AGRINOS AS, NO
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[72] YOON, SUNG-YONG H., US
[72] SWORDS, KATHLEEN, US
[72] WAGNER, RY D., US
[72] JOHNSON, BRENT, US
[72] THORPE, DARRELL T., US
[72] RAJAGOPAL, SELVASUNDARAM, IN
[71] AGRINOS AS, NO
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[25] EN
[54] **MODIFICATION OF TRANSCRIPTIONAL REPRESSOR BINDING SITE IN NF-YC4 PROMOTER FOR INCREASED PROTEIN CONTENT AND RESISTANCE TO STRESS**
[54] **MODIFICATION DE SITE DE LIAISON DE REPRESSEUR DE TRANSCRIPTION DANS LE PROMOTEUR NF-YC4 POUR ACCROITRE LA TENEUR EN PROTEINES, ET RESISTANCE AU STRESS**
[72] LI, LING, US
[72] WURTELE, EVE SYRKIN, US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2017-08-18
[86] 2016-02-17 (PCT/US2016/018858)
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[25] EN
[54] **REBAUDIOSIDE A AND STEVIOSIDE WITH IMPROVED SOLUBILITIES**
[54] **REBAUDIOSIDE A ET STEVIOSIDE A SOLUBILITES AMELIOREES**
[72] JACKSON, MEL CLINTON, US
[72] JACKSON, MEL SAMUEL, US
[72] FRANCIS, DEAN EDWARD, US
[71] SWEET GREEN FIELDS USA LLC, US
[85] 2017-08-18
[86] 2015-06-16 (PCT/US2015/036098)
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[30] US (62/012,936) 2014-06-16
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[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/18 (2006.01) B65D 5/70 (2006.01) B65D 71/36 (2006.01)**
[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **BRIQUE ALIMENTAIRE ET DECOUPE DE BRIQUE ALIMENTAIRE**
[72] PATWARDHAN, TANUJA A., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2017-08-18
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[25] EN
[54] **REGULATORY ELEMENTS FROM LABYRINTHULOMYCETES MICROORGANISMS**
[54] **ELEMENTS DE REGULATION PROVENANT DE MICRO-ORGANISMES LABYRINTHULOMYCETES**
[72] CAIAZZA, NICKY C., US
[72] WIN, MAUNG NYAN, US
[72] URANO, JUN, US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2017-08-18
[86] 2016-02-29 (PCT/US2016/020114)
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[30] US (62/127,196) 2015-03-02

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[51] **Int.Cl. A23L 27/30 (2016.01) C07H 15/256 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF STEVIOL MULTIGLYCOSYLATED DERIVATIVES AND STEVIA COMPONENTS**
[54] **COMPOSITIONS DE DERIVES MULTIGLYCOSYLES DE STEVIOL ET COMPOSANTS DE STEVIA**
[72] JACKSON, MEL CLINTON, US
[71] SWEET GREEN FIELDS USA LLC, US
[85] 2017-08-18
[86] 2016-07-08 (PCT/US2016/041454)
[87] (WO2017/011291)
[30] US (62/190,964) 2015-07-10
[30] US (62/262,060) 2015-12-02
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[51] **Int.Cl. H04W 48/12 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **REDUCING BLIND DECODING IN ENHANCED CARRIER AGGREGATION**
[54] **REDUCTION DU DECODAGE AVEUGLE DANS UNE AGREGATION DE PORTEUSES AMELIOREE**
[72] CHEN, WANSHI, US
[72] DAMNJANOVIC, JELENA, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-18
[86] 2016-04-01 (PCT/US2016/025613)
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[30] US (62/142,378) 2015-04-02
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[54] **NANOPARTICULE DE MATERIAU CARBONE MODIFIE EN SURFACE ET PROCEDES DE PRODUCTION D'UN TEL MATERIAU**
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[72] SPAHR, MICHAEL E., CH
[72] GIAMPIETRO, VITO ROBERTO, CH
[72] VON ROHR, PHILIPP RUDOLF, CH
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[72] FERMOR SMALL, LESLIE EDWARD, GB
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[54] **INSULATION ELEMENT COMPRISING A LABEL HANDLE AND LABEL HANDLE FOR SAID INSULATION ELEMENT**
[54] **ELEMENT D'ISOLATION COMPORTANT UNE ETIQUETTE POIGNEE ET ETIQUETTE POIGNEE POUR CET ELEMENT D'ISOLATION**
[72] ROSS-ZOLKIEWICZ, JERZY, PL
[71] SAINT-GOBAIN ISOVER, FR
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[54] **NON-RADIOACTIVE METHOD FOR DETERMINING THE CYTOLYTIC ACTIVITY OF AN AGENT WITH RESPECT TO TARGET CELLS, USE THEREOF AND ASSOCIATED KIT**
[54] **PROCEDE NON RADIOACTIF DE DETERMINATION DE L'ACTION CYTOLYTIQUE D'UN AGENT VIS-A-VIS DE CELLULES CIBLES, SON UTILISATION ET KIT ASSOCIE**
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[72] BRETAUDEAU, LAURENT, FR
[72] ROSSIGNOL, ALEXIS, FR
[71] CLEAN CELLS, FR
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[54] **CABLE ELECTRIQUE COMPORTANT DES PARTICULES CONDUCTRICES**
[72] SCHMIDT, HELGE, DE
[72] MYERS, MARJORIE KAY, US
[72] SARRAF, DAVID BRUCE, US
[72] COLLEGE, DAVID ALAN, US
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[54] **ELEMENTS FIBREUX, STRUCTURES FIBREUSES ET PRODUITS COMPRENANT UN AGENT DE DISSUASION, ET PROCEDES DE FABRICATION**
[72] WEISMAN, PAUL THOMAS, US
[72] SIVIK, MARK ROBERT, US
[72] HAMERSKY, MARK WILLIAM, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **PARARENAL AND THORACIC ARCH STENT GRAFT AND METHODS FOR USE**
[54] **ENDOPROTHESE COUVERTE PARARENALE ET D'ARC THORACIQUE ET PROCEDES D'UTILISATION**
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[71] SANFORD HEALTH, US
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[54] **ACTIVATION DE RECHERCHE DE DISPOSITIF A DISPOSITIF**
[72] PATIL, SHAILESH, US
[72] TAVILDAR, SAURABHA RANGRAO, US
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[72] GULATI, KAPIL, US
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[72] NARAYAN, PRASANNA L., US
[72] SETHURAMAN, RAMJI, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **AUTHENTIFICATION RENFORCEE BASEE SUR DES INTERACTIONS DE DISPOSITIFS SECONDAIRES**
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[72] FEDRONIC, DOMINIQUE, US
[72] AABYE, CHRISTIAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] FR
[54] **PROCESS FOR PRODUCING POLYHYDROXYALKANOATES FROM PRECURSORS OBTAINED BY ANAEROBIC FERMENTATION FROM FERMENTABLE BIOMASS**
[54] **PROCEDE DE PRODUCTION DE POLYHYDROXYALCANOATES A PARTIR DE PRECURSEURS OBTENUS PAR FERMENTATION ANAEROBIE A PARTIR DE BIOMASSE FERMENTESCIBLE**
[72] NOUAILLE, REGIS, FR
[72] PESSIOT, JEREMY, FR
[72] THIEULIN, MARIE, FR
[71] AFYREN, FR
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[54] **A MICRORNA-BASED METHOD FOR ASSESSING THE PROGNOSIS OF A PROSTATE CANCER PATIENT**
[54] **PROCEDE A BASE DE MICRO-ARN POUR EVALUER LE PRONOSTIC D'UN PATIENT ATTEINT DU CANCER DE LA PROSTATE**
[72] THOMSEN, RONFELDT ANNI, DK
[72] KRISTENSEN, HELLE, DK
[72] SORENSEN, DALSGAARD KARINA, DK
[72] KONGSBAK, LARS, DK
[72] MOURITZEN, PETER, DK
[72] ORNTOFT, TORBEN, DK
[71] EXIQON A/S, DK
[71] AARHUS UNIVERSITET, DK
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[54] **FREE-FLOWING EDIBLE COMPOSITION, A FOODSTUFF COMPRISING IT, METHODS EMPLOYING IT AND A METHOD OF MAKING THE COMPOSITION**
[54] **COMPOSITION COMESTIBLE A ECOULEMENT LIBRE, PRODUIT ALIMENTAIRE LA COMPRENANT, SES PROCEDES D'UTILISATION ET PROCEDE DE PREPARATION DE LA COMPOSITION**
[72] SHEN, SHIJI, US
[72] BUTLER, SUSAN E, US
[72] HOFFMAN, ANDREW J., US
[72] KANTHAK, JUSTIN, US
[72] BRIDGES, JOHN, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **VECTEURS RETROVIRAUX ET LENTIVIRAUX**
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[72] MEKKAOUI, LEILA, GB
[71] UCL BUSINESS PLC, GB
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[54] **COMPOSES DE POLYOLEFINE POUR REVETEMENTS DE CABLE**
[72] LEE, DAY-CHYUAN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
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[25] EN
[54] **A FLUE GAS PURIFICATION SYSTEM AND PROCESS USING A SORBENT POLYMER COMPOSITE MATERIAL**
[54] **SYSTEME DE PURIFICATION DE GAZ D'EVACUATION ET PROCEDE UTILISANT UN MATERIAU COMPOSITE POLYMERE SORBANT**
[72] HARDWICK, STEVE, US
[72] LU, XIAO-CHUN, US
[71] W.L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEMS AND METHODS FOR FEMTOSECOND LASER PHOTOREFRACTIVE KERATECTOMY**
[54] **SYSTEMES ET PROCEDES POUR PHOTOKERATECTOMIE REFRACTIVE AU LASER FEMTOSECONDE**
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[71] AMO DEVELOPMENT, LLC, US
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[54] **ENGRAIS GRANULAIRE D'UREE CONTENANT DES ADDITIFS STABILISANTS A BASE D'AZOTE**
[72] GABRIELSON, KURT, US
[72] SUTTON, ALLEN, US
[72] OWUSU-ADOM, KWAME, US
[72] KUTTENKULER, DAN, US
[71] KOCH AGRONOMIC SERVICES, LLC, US
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[54] **MODIFICATION OF UNIFICATION OF INTRA BLOCK COPY AND INTER SIGNALING RELATED SYNTAX AND SEMANTICS**
[54] **MODIFICATION D'UNIFICATION DE SYNTAXE ET DE SEMANTIQUE RELATIVES A LA COPIE INTRA-BLOC ET A LA SIGNALISATION INTER**
[72] YU, YUE, US
[72] WANG, LIMIN, US
[72] GU, ZHOUYE, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **PRODUCTION OF NON-CALORIC SWEETENERS USING ENGINEERED WHOLE-CELL CATALYSTS**
[54] **PRODUCTION D'EDULCORANTS NON CALORIQUES AYANT RECOURS A DES CATALYSEURS DE CELLULES ENTIERES MODIFIEES**
[72] MAO, GUOHONG, US
[72] VICK, JACOB EDWARD, US
[72] LI, SHI-YAN, US
[72] YU, XIAODAN, US
[71] CONAGEN INC., US
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[54] **METHODS OF DETECTING LISTERIA FROM AN ENVIRONMENTAL SAMPLE**
[54] **METHODES DE DETECTION DE LISTERIA DANS UN ECHANTILLON ENVIRONNEMENTAL**
[72] NELSON, JOHN, US
[72] BISWAS, PREETHA, US
[72] ZHANG, LEI, US
[72] MOZOLA, MARK A., US
[72] PINKAVA, LISA, US
[72] BROOKMAN, DAVID, CA
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[54] **MULTICAST SCHEDULING BETWEEN DEVICES PARTICIPATING IN A NAN DATA LINK**
[54] **PROGRAMMATION DE MULTIDIFFUSION ENTRE DES DISPOSITIFS PARTICIPANT A UNE LIAISON DE DONNEES DE RESEAU DE PROXIMITE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHODS AND COMPOSITIONS USING FRESH OR FROZEN MEAT TO IMPROVE FOOD EFFICIENCY IN ANIMALS SUCH AS DOGS**
[54] **PROCEDES ET COMPOSITIONS UTILISANT DE LA VIANDE FRAICHE OU CONGELEE POUR AMELIORER L'EFFICACITE ALIMENTAIRE D'ANIMAUX TELS QUE DES CHIENS**
[72] BOUTHEGOURD, JEAN-CHRISTOPHE, FR
[72] ROOS, MARK ALAN, US
[72] CLETY, NATHALIE, FR
[72] DOARE-BROUX, KARINE, FR
[72] LORCY, GWENDAL, FR
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[54] **SIROPS D'ALLULOSE**
[72] WOODYER, RYAN D., US
[72] LLOYD-JONES, PETER, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **NOVEL ANTIBODY BINDING TO TFPI AND COMPOSITION COMPRISING THE SAME**
[54] **NOUVEL ANTICORPS SE LIANT A LA TFPI ET COMPOSITION LE COMPRENANT**
[72] KIM, DONG-SIK, KR
[72] LEE, MI JUNG, KR
[72] PARK, JAE CHAN, KR
[72] LEE, SUMIN, KR
[72] KWAK, HEECHUN, KR
[72] HWANG, SUNGHO, KR
[72] LIM, HYUNG-KWON, KR
[72] KIM, KISU, KR
[72] PARK, YOUNG SEOUB, KR
[72] JEONG, JUNHONG, KR
[72] CHO, KI JOON, KR
[71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR
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[54] **DETECTING OF GRAPHICAL OBJECTS TO IDENTIFY VIDEO DEMARCATIONS**
[54] **DETECTION D'OBJETS GRAPHIQUES POUR IDENTIFIER DES DEMARCATIONS VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS ENTERPRISES LLC, US
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[72] FREY, GERHARD, US
[72] SHORT, JAY M., US
[71] BIOATLA, LLC, US
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[54] **REGLAGE DE SON SUR UN DISPOSITIF MEDICAL**
[72] TARN, JEFFREY, US
[72] WANG, FEI, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **INTERLEAVED COMMUNICATION WITH RESOURCE PROVIDERS AND A HOME AREA NETWORK**
[54] **COMMUNICATION ENTRELACEE AVEC DES FOURNISSEURS DE RESSOURCE ET UN RESEAU DOMESTIQUE**
[72] CALVERT, CHRIS, US
[72] CHASKO, STEPHEN, US
[72] HARTMAN, JAMES, US
[72] HOLCOMBE, SEAN, US
[72] SHUDARK, JEFF, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **RESEAU SANS FIL POUR RESEAU DE CAPTEURS**
[72] DAVIS, ALMIR D., US
[72] WILMARTH, ROGER J., US
[72] BABCOCK IV, PHILIP S., US
[72] KHAN, IMRAN, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[54] **DATA PROCESSOR, DATA PROCESSING METHOD AND COMMUNICATION DEVICE**
[54] **PROCESSEUR DE DONNEES, METHODES DE TRAITEMENT DES DONNEES ET DISPOSITIF DE COMMUNICATION**
[72] ONUMA, YASUHARU, JP
[72] YAMAZAKI, ETSUSHI, JP
[72] TAKEI, KAZUHITO, JP
[72] ISHIDA, OSAMU, JP
[72] HORIKOSHI, KENGO, JP
[72] YOSHIDA, MITSUTERU, JP
[72] KISAKA, YOSHIAKI, JP
[72] TOMIZAWA, MASAHITO, JP
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[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[72] RAULT, REGIS, FR
[72] VEILLERAUD, FREDERIC, FR
[71] ARIANEGROUP SAS, FR
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[54] **TRANSFERT SECURISE D'INFORMATION D'AUTHENTIFICATION**
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[72] ZHOU, RAPHAEL, FR
[71] WALLIX, FR
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[54] **PROCEDES ET SYSTEMES DE RECOMMANDATION DE CONTENU MULTIMEDIA**
[72] STATHACOPOULOS, PAUL, US
[72] MAUGHAN, BENJAMIN, US
[71] ROVI GUIDES, INC., US
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[54] **PROCEDE ET INSTALLATION POUR L'ELEVAGE D'INSECTES**
[72] CALIS, JOHANNES IGNATIUS MARIA, NL
[72] FRANKEN, PIETER JOHANNES ANTONIUS, NL
[71] PROTI-FARM R & D B.V., NL
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[54] **METHOD AND SYSTEM FOR FORMING PACKAGES**
[54] **PROCEDE ET SYSTEME POUR FORMER DES EMBALLAGES**
[72] WALSH, JOSEPH C., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[86] 2016-04-29 (PCT/US2016/030046)
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[54] **PROCEDE ET SYSTEME DE FORMATION D'EMBALLAGES**
[72] WALSH, JOSEPH C., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[86] 2016-04-29 (PCT/US2016/029989)
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[25] EN
[54] **APPLICATION OF TIME DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) IN IDENTIFYING CEMENT CURING TIME AND CEMENT TOP**
[54] **APPLICATION DE DERIVEE TEMPORELLE DE RELEVE DE TEMPERATURE DISTRIBUEE (DTS) DANS L'IDENTIFICATION D'UN TEMPS DE DURCISSEMENT DE CIMENT ET PARTIE SUPERIEURE EN CIMENT**
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[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ROTARY SLEEVE TO CONTROL ANNULAR FLOW**
[54] **MANCHON ROTATIF DE COMMANDE DE DEBIT ANNULAIRE**
[72] ROGOZINSKI, NICOLAS, US
[72] ROGERS, HENRY EUGENE, US
[72] MCMILLIAN, SAMUEL TRAVIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **APPARATUS, SYSTEM AND METHODS FOR SUPPORTING ONE OR MORE UPRIGHT ITEMS FROM A SUPPORT SURFACE**
[54] **APPAREIL, SYSTEME ET PROCEDES POUR SERVIR DE SUPPORT A UN OU PLUSIEURS ARTICLES VERTICAUX A PARTIR D'UNE SURFACE D'APPUI**
[72] MCDOWELL, JAMES KERWIN, US
[72] ROGERS, DONALD SCOTT, US
[72] CAVALIER, GRANT STEVEN, US
[72] MCDONALD, BILLY JAMES, US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[54] **APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM**
[54] **APPAREIL DESTINE A ETRE UTILISE DANS UN SYSTEME D'ASSISTANCE RESPIRATOIRE**
[72] HOLYOAKE, BRUCE GORDON, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] WHITE, CRAIG KARL, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] BARRACLOUGH, MICHAEL ROBERT, NZ
[72] SMITH, DANIEL JOHN, NZ
[72] POWELL, KEVIN BLAKE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-09-21
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[54] **CANULE NASALE**
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] GULLIVER, LAURENCE, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] BARRACLOUGH, MICHAEL, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] SCHEIRLINCK, ERIK ROBERTUS, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[72] PAYTON, MATTHEW JON, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[30] US (62/140,776) 2015-03-31
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[25] EN
[54] **DEVICE FOR INTRODUCING AND MAINTAINING A PORT IN AN UMBILICAL VESSEL**
[54] **DISPOSITIF DESTINE A INTRODUIRE ET A MAINTENIR UN PORT DANS UN VAISSEAU OMBILICAL**
[72] EIDE, TERJE, NO
[71] EIDE, TERJE, NO
[85] 2017-09-21
[86] 2016-03-18 (PCT/NO2016/050052)
[87] (WO2016/153357)
[30] NO (20150362) 2015-03-25

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[25] EN
[54] **SYSTEM AND METHOD FOR RESERVOIR MANAGEMENT USING ELECTRICAL SUBMERSIBLE PUMPS AS VIRTUAL SENSORS**
[54] **SYSTEME ET PROCEDE POUR GESTION DE RESERVOIR AU MOYEN DE POMPES ELECTRIQUES SUBMERSIBLES COMME CAPTEUR VIRTUEL**
[72] VITTAL, SAMEER, US
[72] HE, RENEE, US
[72] SPORER, MARK ANDREW, US
[72] HUGHES, MICHAEL FRANKLIN, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-09-21
[86] 2015-03-25 (PCT/US2015/022472)
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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/117 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **MULTIPLE DEPTH OPTICAL COHERENCE TOMOGRAPHY SYSTEM AND METHOD AND LASER EYE SURGERY SYSTEM INCORPORATING THE SAME**
[54] **SYSTEME DE TOMOGRAPHIE PAR COHERENCE OPTIQUE DE PROFONDEUR MULTIPLE ET PROCEDE ET SYSTEME DE CHIRURGIE OCULAIRE AU LASER L'INCORPORANT**
[72] SCHUELE, GEORG, US
[71] OPTIMEDICA CORPORATION, US
[85] 2017-09-21
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[54] **DISPENSER DOSING BASED ON HAND SIZE**
[54] **DISPOSITIF DE DOSAGE DE DISTRIBUTEUR BASE SUR LA TAILLE DE LA MAIN**
[72] PELFREY, KEITH ALLEN, US
[72] CIAVARELLA, NICK E., US
[72] BULLOCK, MARK A., US
[72] MOORE, MARK W., US
[72] WEGELIN, JACKSON W., US
[71] GOJO INDUSTRIES, INC., US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024157)
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[30] US (62/138,362) 2015-03-25
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[54] **SYSTEMS FOR FEEDING CATS, METHODS OF USE OF THE SYSTEMS AND PACKAGING FOR THE SYSTEMS**
[54] **SYSTEMES POUR ALIMENTER LES CHATS, PROCEDES D'UTILISATION DES SYSTEMES ET CONDITIONNEMENT POUR LES SYSTEMES**
[72] BALES, ELIZABETH B., US
[72] KRUPNICK, STEVEN B., US
[71] FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC, US
[85] 2017-09-21
[86] 2016-03-23 (PCT/US2016/023693)
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[30] US (62/137,501) 2015-03-24
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[54] **SYSTEMES ET PROCEDES POUR DISTRIBUTEURS DE PILULES PORTATIVES**
[72] HANCOCK, ASHLEY B., US
[72] MALICE, LOUIS F., JR., US
[72] FISHER, MICHAEL A., US
[72] STRANE, PATRICK W., US
[72] GLATZER, MICHAEL J., US
[72] INGOLDBY, MICHAEL GEORGE, US
[72] MEADOWS, ANDREW SCOTT, US
[72] CROWLEY, CHRISTOPHER THOMAS, US
[71] INTENT SOLUTIONS, INC., US
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[86] 2016-03-28 (PCT/US2016/024435)
[87] (WO2016/164187)
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[25] EN
[54] **PRESSURIZED GAS POWERED MEDICAMENT TRANSFER AND RE-SUSPENSION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRANSFERT ET DE REMISE EN SUSPENSION DE MEDICAMENT ALIMENTE PAR GAZ SOUS PRESSION**
[72] DUNKI-JACOBS, ADAM, US
[72] HOOVEN, MICHAEL D., US
[72] HUDDLESTON, MATTHEW J., US
[72] NUCHOLS, RICHARD P., US
[72] PALMER, JOETTA RENEE, US
[72] STEFANCHIK, DAVID, US
[71] ENABLE INJECTIONS, INC., US
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[25] EN
[54] **A SYSTEM AND METHOD TO TRACK TIME & ATTENDANCE OF AN INDIVIDUAL AT A WORKPLACE FOR A SCHEDULED WORKSHIFT**
[54] **SYSTEME ET PROCEDE DE SUIVI D'HORAIRES ET D'ASSIDUITE D'UN INDIVIDU SUR UN LIEU DE TRAVAIL POUR UN POSTE DE TRAVAIL PROGRAMME**
[72] DICKERSON, BRYAN, US
[72] TALLON, JONATHAN, US
[72] SUTCLIFFE, GARY, US
[71] API HEALTHCARE CORPORATION, US
[85] 2017-09-21
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[54] **SYSTEM AND METHOD FOR POSITIONING VEHICLES OF AN AMUSEMENT PARK ATTRACTION**
[54] **SYSTEME ET PROCEDE POUR POSITIONNER DES VEHICULES D'ATTRACTION DE PARC D'ATTRACTION**
[72] BOYLE, PATRICK DEVIN, US
[72] VANCE, ERIC A., US
[72] COUP, THIERRY, US
[72] MCVEEN, KEITH MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-09-21
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[30] US (62/141,086) 2015-03-31
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[54] **DIDACTIC INFORMATION PORTAL SYSTEM**
[54] **SYSTEME DE PORTAIL D'INFORMATIONS DIDACTIQUES**
[72] SMITH, GAVIN R., GB
[72] REYMANN, STEFFEN, GB
[71] CUBIC CORPORATION, US
[85] 2017-09-21
[86] 2016-04-14 (PCT/US2016/027559)
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[54] **SLIDE OUT SEAL WITH BOX TUNNEL**
[54] **JOINT POUR PIECE COULISSANTE COMPORTANT UN TUNNEL FORMANT BOITE**
[72] KSIEZOPOLSKI, EDWIN E., US
[71] LIFETIME INDUSTRIES, INC., US
[85] 2017-09-21
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[25] FR
[54] **METHOD FOR DETERMINING THE TEMPERATURE OF AN INTERNAL PART OF THE MATERIALS OF A TYRE**
[54] **METHODE DE DETERMINATION DE LA TEMPERATURE D'UNE PARTIE INTERNE DES MATERIAUX D'UN PNEUMATIQUE**
[72] SPINNLER, OLIVIER, FR
[72] DONDEY, PHILIPPE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[25] EN
[54] **COMPUTER SYSTEM FOR CALCULATING TRANSLATION COSTS**
[54] **SYSTEME INFORMATIQUE DE CALCUL DE COUTS DE TRADUCTION**
[72] SIMPKIN, NEIL THOMAS, GB
[72] SITCH, CHARLES EDWARD, GB
[72] BIERRUM, HUGH ALEXANDER, GB
[72] RAY, SASMITA, AU
[72] SARANGAPANI, SENTHIL KUMAR, AU
[72] SELVARAJ, JOHN WILFRED, AU
[72] COOMBES, BENJAMIN LESLIE, GB
[72] CURLEY, BEN JOHN, AU
[72] SIMPSON, JUSTIN RYAN, AU
[71] RWS TRANSLATIONS LTD, GB
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[54] **GICLEUR D'HUILE POUR TURBOMACHINE**
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[72] GUILLEMONT, MAXENCE, FR
[72] VIEL, JULIEN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
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[54] **VANNE A VOIES MULTIPLES A CIRCUIT DE DERIVATION**
[72] ARRUS, PAOLO, IT
[72] MOLINA, SAMUELE, IT
[72] ZUFFELLATO, ANDREA, IT
[72] ALBERGANTI, GIACOMO, IT
[72] ROSA BRUSIN, MARCO, IT
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[54] **SYSTEM AND METHOD FOR TRAINING DENTISTS IN ENDODONTIC TREATMENT TECHNIQUES**
[54] **SYSTEME ET PROCEDE POUR FORMER DES DENTISTES A DES TECHNIQUES DE TRAITEMENT ENDODONTIQUE**
[72] PIRAS, FRANCESCO, CH
[72] KUJAWA, BORIS, CH
[71] DENTSPLY SIRONA INC., US
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[54] **DISCHARGE FLOW DUCT OF A TURBINE ENGINE COMPRISING A VBV GRATING WITH VARIABLE SETTING**
[54] **CONDUIT DE VEINE DE DECHARGE D'UNE TURBOMACHINE COMPRENANT UNE GRILLE VBV A CALAGE VARIABLE**
[72] BRUHAT, JEAN-FREDERIC PIERRE JOSEPH, FR
[72] FESSOU, PHILIPPE, JACQUES PIERRE, FR
[72] LUKOWSKI, BENJAMIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **PANNEAU PERMETTANT D'INSTALLER UN MODULE DE BATTERIE SOLAIRE**
[72] YOON, YESEUL, KR
[71] I-SOLAR ENERGY CO., LTD., KR
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[54] **APPARATUS AND METHOD FOR REDUCING BRAZE JOINT STRESS IN A VIBRATING FLOWMETER**
[54] **APPAREIL ET PROCEDE POUR REDUIRE UNE CONTRAINTE DE JOINT DE BRASAGE DANS UN DEBITMETRE VIBRANT**
[72] NIELSON, JEFFREY D., US
[72] LANHAM, GREGORY TREAT, US
[72] WERBACH, CHRISTOPHER A., US
[72] BHARGAVA, NIKHIL, IN
[72] VIDHATE, ANAND, IN
[72] FLEMING, DAVID, US
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[54] **DEVICES FOR TARGETED DELIVERY OF THERAPEUTIC IMPLANTS**
[54] **DISPOSITIFS POUR L'ADMINISTRATION CIBLEE D'IMPLANTS THERAPEUTIQUES**
[72] WETZEL, LANCE, US
[72] SHETTY, GAUTAM N., US
[72] WEIR, AARON M., US
[72] RUSSO, ROBERT SCOTT, US
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[54] **HIGH-TO-LOW VOLTAGE COUPLERS AND COUPLING METHODS FOR SENSOR-EQUIPPED ELECTRIC SUBMERSIBLE PUMP SYSTEMS**
[54] **COUPLEURS A TENSION ELEVEE-BASSE ET PROCEDES DE COUPLAGE POUR SYSTEMES DE POMPE SUBMERSIBLE ELECTRIQUE EQUIPES D'UN CAPTEUR**
[72] ALMUHANA, ARAM SHIHAB KHALEEL, US
[72] BOYANAPALLY, SRILATHA, US
[72] GUPTA, SUDHIR KUMAR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SHALE GEOMECHANICS FOR MULTI-STAGE HYDRAULIC FRACTURING OPTIMIZATION IN RESOURCE SHALE AND TIGHT PLAYS**
[54] **GEOMECANIQUE DU SCHISTE POUR L'OPTIMISATION DE LA FRACTURATION HYDRAULIQUE EN PLUSIEURS ETAPES DANS DES ZONES DE SCHISTE ETROITES**
[72] LEEM, JUNGHUN, PL
[72] REYNA, JUAN J., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **SEAL FOR A JOINT ASSEMBLY**
[54] **JOINT DESTINE A UN ENSEMBLE DE RACCORD**
[72] CHAPAGAIN, PRADEEP, US
[72] MATHEW, SUNIL I., US
[72] HUDSON, CHARLES TAYLOR, US
[71] CATERPILLAR INC., US
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[54] **USING MULTIPLE PROTOCOLS IN A VIRTUAL DESKTOP INFRASTRUCTURE**
[54] **UTILISATION DE MULTIPLES PROTOCOLES DANS UNE INFRASTRUCTURE DE BUREAU VIRTUEL**
[72] PESSIS, DAVID, US
[72] SRINIVAS, NELAMANGAL KRISHNASWAMY, US
[72] HANIF, HAKIMUDDIN, US
[72] FARRELL, EUGENE MICHAEL, US
[72] SURYANARAYANAN, DEEPAK, US
[72] VERMA, VARUN, US
[72] TELLVIK, ERIK JONATHON, US
[72] THOMAS, NATHAN BARTHOLOMEW, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **DAMPING AIR SPRING AND SHOCK ABSORBER COMBINATION FOR HEAVY-DUTY VEHICLE AXLE/SUSPENSION SYSTEMS**
[54] **COMBINAISON DE RESSORT D'AMORTISSEMENT A AIR ET D'ABSORBEUR DE CHOCS POUR SYSTEMES D'ESSIEU/DE SUSPENSION DE VEHICULE LOURD**
[72] FULTON, R. SCOTT, US
[72] WESTNEDGE, ANDREW J., US
[72] LONG, THOMAS J., US
[71] HENDRICKSON USA, L.L.C., US
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[54] **METHOD AND SYSTEM FOR PLANNING AND PERFORMING ARTHROPLASTY PROCEDURES USING MOTION-CAPTURE DATA**
[54] **METHODE ET SYSTEME DE PLANIFICATION ET D'EXECUTION D'INTERVENTIONS D'ARTHROPLASTIE A L'AIDE DE DONNEES DE CAPTURE DE MOUVEMENT**
[72] BEREND, MICHAEL E., US
[72] BAILEY, KIRK J., US
[72] BEREND, KEITH R., US
[72] LOMBARDI, ADOLPH V., US
[72] WHITE, JOHN, US
[71] BIOMET MANUFACTURING, LLC, US
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[54] **APPLICATOR SYSTEMS AND METHODS FOR MOUNTING STRIP-LIKE FITMENTS TO FLEXIBLE PACKAGING**
[54] **SYSTEMES ET DES PROCEDES D'APPLICATEUR POUR MONTAGE D'ACCESSOIRES DE TYPE BANDE SUR UN EMBALLAGE SOUPLE**
[72] VERMA, VISHAAL BOEHM, US
[71] PROAMPAC INTERMEDIATE, INC., US
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[54] **THERMOELECTRIC TEMPERATURE CONTROLLED COOLER FOR BIOMEDICAL APPLICATIONS**
[54] **REFROIDISSEUR A REGULATION DE TEMPERATURE THERMOELECTRIQUE POUR APPLICATIONS BIOMEDICALES**
[72] VERGARA, JULIO L., US
[72] PADULA, ANDREW, US
[72] RESTREPO, LUCAS, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING REMOTE DEVICES AND ACCESSING REMOTE DEVICE INFORMATION**
[54] **PROCEDE ET APPAREIL POUR GERER DES DISPOSITIFS DISTANTS ET ACCEDER A DES INFORMATIONS DE DISPOSITIFS DISTANTS**
[72] HERMANS, SEBASTIAAN, NL
[72] BEINAT, EURO, NL
[71] ZIH CORP., US
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[54] **ENDPOINT MANAGEMENT SYSTEM PROVIDING AN APPLICATION PROGRAMMING INTERFACE PROXY SERVICE**
[54] **SYSTEME DE GESTION DE POINT D'EXTREMITE FOURNISSANT UN SERVICE DE MANDATAIRE D'INTERFACE DE PROGRAMMATION D'APPLICATION**
[72] THOMPSON, JONATHAN PAUL, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **CAPTEUR DE CHARNIERE POUR UNE BARRIERE**
[72] RICKS, SEAN, US
[72] WARREN, JEREMY B., US
[71] VIVINT, INC., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT UN RETRAIT DE TISSU**
[72] DO, ALEXANDRA, US
[72] PRAVONG, BOUN, US
[72] WACHLI, SERENE, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION**
[54] **STRUCTURES DE TISSU SYNTHETIQUES POUR SIMULATION ET APPRENTISSAGE D'ELECTROCHIRURGIE**
[72] FELSINGER, NATASHA, US
[72] CHEHAYEB, SAM, US
[72] BOLANOS, EDUARDO, US
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[54] **SYSTEME ET DISPOSITIF D'ECLAIRAGE CHIRURGICAL FACONNABLE ET DEFORMABLE**
[72] MAK, SIU WAI JACKY, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **LIGHT GUIDE BODY COMPRISING AN INJECTION-MOLDED MAT AND LIGHT CHANNELS**
[54] **CORPS GUIDE D'ONDES OPTIQUES AVEC TAPIS MOULE PAR INJECTION ET CANAUX LUMINEUX**
[72] CHRISTANDL, DIETER, AT
[72] CHRISTANDL, JOSEF, AT
[72] HOFER, ROBERT, AT
[71] CHRISTANDL, DIETER, AT
[71] CHRISTANDL, JOSEF, AT
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[25] FR
[54] **DEVICE WITH GRATINGS FOR EJECTING MICROJETS IN ORDER TO REDUCE THE JET NOISE OF A TURBINE ENGINE**
[54] **DISPOSITIF A GRILLES D'EJECTION DE MICROJETS POUR LA REDUCTION DU BRUIT DE JET D'UNE TURBOMACHINE**
[72] MARDJONO, JACKY, FR
[72] CHANEZ, PHILIPPE, FR
[72] GONZALEZ, JEREMY, FR
[72] KOENIG, MAXIME, FR
[72] VERSAEVEL, MARC, FR
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[72] YESILCIMEN, HENRI, FR
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[25] FR
[54] **COOLING OF A TURBINE ENGINE OIL CIRCUIT**
[54] **REFROIDISSEMENT DU CIRCUIT D'HUILE D'UNE TURBOMACHINE**
[72] CHALAUD, SEBASTIEN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **SYSTEME DE DISTRIBUTION DE FLUIDE HAUTE-PRESSION**
[72] SMITH, ALAN, GB
[72] WOOD, NIGEL, GB
[71] FINISHING BRANDS UK LTD., GB
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[54] **MECANISME DE PLIAGE POUR UN MOYEN DE TRANSPORT**
[72] WELLER, CHRISTIAN, DE
[72] FRANZEN, FELIX, DE
[71] KLEEMANN GMBH, DE
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[54] **VERSOIR POUR CHARRUE**
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[71] CNH INDUSTRIAL DANMARK A/S, DK
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[54] **PROCEDES DE FABRICATION DE COUCHES A EFFET OPTIQUE**
[72] LOGINOV, EVGENY, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
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[54] **RINCAGE DE CONTOURNEMENT POUR SYSTEMES D'EXTRACTION DE GAZ**
[72] SHEKHAR, PRASHANT, US
[72] MACDONALD, GILLIES ALEXANDER, US
[72] COSTO, ROBERT JAMES, JR., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **APPLICATION OF THE TIME DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) IN IDENTIFYING FLOWS IN AND AROUND A WELLBORE DURING AND AFTER HYDRAULIC FRACTURE**
[54] **APPLICATION DE LA DERIVEE DE TEMPS D'ETUDE DE TEMPERATURE REPARTIE (DTS) DANS L'IDENTIFICATION DE FLUX DANS UN PUITS DE FORAGE, ET AUTOUR DUDIT PUITS DE FORAGE, DURANT ET APRES UNE FRACTURATION HYDRAULIQUE**
[72] DUAN, HONGYAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPLICATION OF DEPTH DERIVATIVE OF DTS MEASUREMENTS IN IDENTIFYING INITIATION POINTS NEAR WELLBORES CREATED BY HYDRAULIC FRACTURING**
[54] **APPLICATION DE DERIVEE SUIVANT LA PROFONDEUR DE MESURES DE CAPTEUR DE TEMPERATURE DISTRIBUEE (DTS) A L'IDENTIFICATION DE POINTS D'AMORCAGE A PROXIMITE DE PUITS DE FORAGE CREES PAR FRACTURATION HYDRAULIQUE**
[72] DUAN, HONGYAN, US
[72] HOLLEY, ERIC, US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **IMPROVED OPERATION COMBI BOILER AND AN ASSOCIATED COMBI BOILER OPERATIONAL EFFICIENCY DEVICE**
[54] **CHAUDIERE MIXTE DONT LE FONCTIONNEMENT EST AMELIORE ET DISPOSITIF D'EFFICACITE DE FONCTIONNEMENT DE CHAUDIERE MIXTE ASSOCIE**
[72] MEMUR, HAMIT, TR
[71] MEMUR, HAMIT, TR
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[54] **ENHANCING OILFIELD OPERATIONS WITH COGNITIVE COMPUTING**
[54] **AMELIORATION D'EXPLOITATION DE CHAMPS PETROLIFERES AU MOYEN DE CALCUL COGNITIF**
[72] JAMISON, DALE E., US
[72] WILLIAMS, ROBERT LYNN, US
[72] BAR, AMIR, US
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[54] **PROCEDE D'EXPLICATION D'UN SCORE**
[72] POUYLLAU, HELIA, FR
[72] LABREUCHE, CHRISTOPHE, FR
[72] GOUJON, BENEDICTE, FR
[71] THALES, FR
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[54] **METHOD OF MANUFACTURING STRUCTURE, AND STRUCTURE**
[54] **PROCEDE DE PRODUCTION DE CORPS STRUCTUREL ET CORPS STRUCTUREL**
[72] KAMIHARA, NOBUYUKI, JP
[72] AOSHIMA, YOSHIRO, JP
[72] ABE, TOSHIO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-25
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[25] EN
[54] **HIGH-CARBON STEEL WIRE MATERIAL WITH EXCELLENT WIRE DRAWABILITY, AND STEEL WIRE**
[54] **MATERIAU DE FIL D'ACIER A HAUTE TENEUR EN CARBONE PRESENTANT UNE EXCELLENTE APTITUDE A L'ETIRAGE DE FIL ET FIL D'ACIER**
[72] ISHIDA, TOMONOBU, JP
[72] MASUDA, TOMOKAZU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-09-25
[86] 2016-03-29 (PCT/JP2016/060019)
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[54] **CRYSTAL OF 3,5-DISUBSTITUTED BENZENE ALKYNYL COMPOUND**
[54] **CRISTAL D'UN COMPOSE D'ALCYNYLE DE BENZENE 3,5-DISUBSTITUE**
[72] EGAMI, KOSUKE, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-09-25
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[54] **STAINLESS STEEL AND STAINLESS STEEL PRODUCT FOR OIL WELL**
[54] **ACIER INOXYDABLE ET MATERIAU EN ACIER INOXYDABLE POUR PUITS DE PETROLE**
[72] TOMIO, YUSAKU, JP
[72] KAIDO, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-09-25
[86] 2016-06-29 (PCT/JP2016/069241)
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[54] **METHOD OF CONTROLLING A COMPRESSOR SYSTEM AND COMPRESSOR SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE COMPRESSEUR ET SYSTEME DE COMPRESSEUR**
[72] MATHEIDAS, MICHAEL T., US
[72] UPTIGROVE, STANLEY O., MY
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-09-25
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[54] **BIOMOLECULAR ZONAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ZONALES BIOMOLECULAIRES ET PROCEDES ASSOCIES**
[72] EAST, RAY, GB
[71] SIMS, BRYAN, US
[71] EAST, RAY, GB
[85] 2017-09-25
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[25] EN
[54] **INITIALIZATION OF ENDPOINT DEVICES JOINING A POWER-LINE COMMUNICATION NETWORK**
[54] **INITIALISATION DE DISPOSITIFS DE POINT D'EXTREMITE SE JOIGNANT A UN RESEAU DE COMMUNICATION PAR COURANTS PORTEURS EN LIGNE**
[72] WOLTER, CHAD K., US
[72] JOHNSON, BRYCE D., US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
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[54] **MAT CONSTRUCTION WITH ENVIRONMENTALLY RESISTANT CORE**
[54] **STRUCTURE DE PAILLASSON AVEC NOYAU RESISTANT A L'ENVIRONNEMENT**
[72] PENLAND, JOE, JR., US
[72] PENLAND, RUSTIN, US
[72] CALVERT, SCOTT, US
[72] O'BRIEN, THOMAS, US
[71] QUALITY MAT COMPANY, US
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[54] **ENVIRONMENTALLY RESISTANT ENCAPSULATED MAT CONSTRUCTION**
[54] **CONSTRUCTION DE NATTE ENCAPSULEE RESISTANT A L'ENVIRONNEMENT**
[72] PENLAND, JOE, JR., US
[72] PENLAND, RUSTIN, US
[72] CALVERT, SCOTT, US
[72] O'BRIEN, THOMAS, US
[71] QUALITY MAT COMPANY, US
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[25] EN
[54] **WATER COLUMN REMEDIATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE REMEDIATION DE COLONNE D'EAU**
[72] LACROSSE, JAMES E., US
[72] SMITH, SCOTT C., US
[72] WATTLEY, GLENN G., US
[71] OPFLEX TECHNOLOGIES, LLC, US
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[54] **METHOD AND SYSTEM FOR AUTHORIZING A PAYMENT TRANSACTION**
[54] **PROCEDE ET SYSTEME POUR AUTORISER UNE TRANSACTION DE PAIEMENT**
[72] BADENHORST, CORNELIUS JOHANNES, ZA
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **SYSTEM AND METHOD FOR FORCE FEEDBACK INTERFACE DEVICES**
[54] **SYSTEME ET PROCEDE POUR DISPOSITIFS D'INTERFACE A RETOUR D'EFFORT**
[72] LAURENDEAU, CHAD, US
[71] LAURENDEAU, CHAD, US
[85] 2017-09-25
[86] 2016-03-17 (PCT/US2016/022823)
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[25] EN
[54] **APPARATUS AND METHODS FOR SYNTHETIC APERTURE RADAR WITH DIGITAL BEAMFORMING**
[54] **APPAREIL ET PROCEDES POUR RADAR A SYNTHESE D'OUVERTURE AVEC FORMATION DE FAISCEAU NUMERIQUE**
[72] FOX, PETER ALLEN, CA
[71] KING ABDULAZIZ CITY OF SCIENCE AND TECHNOLOGY, SA
[71] URTHECAST CORP., CA
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[54] **INFEED AND OUTFEED ASSEMBLIES FOR A CONVEYOR**
[54] **ENSEMBLES D'ALIMENTATION ET DE SORTIE POUR UN CONVOYEUR**
[72] DEGROOT, MICHAEL HENDRIK, US
[72] HULSHOF, GERKO, NL
[72] HORTIG, PHILIPP J., US
[72] STEENWYK, MATTHEW A., US
[72] BATCHELDER, JEFF, US
[71] LAITRAM, L.L.C., US
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[54] **SYSTEM AND METHOD FOR PROVIDING A DYNAMIC SHOPPING INTERFACE**
[54] **SYSTEME ET PROCEDE DESTINES A POURVOIR A UNE INTERFACE D'ACHATS EN LIGNE DYNAMIQUE**
[72] BLASS, OSCAR J., US
[71] WAL-MART STORES, INC., US
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[54] **METHOD FOR INSECT BREEDING**
[54] **PROCEDE D'ELEVAGE D'INSECTES**
[72] COMPARAT, SOLENE, FR
[72] HUBERT, ANTOINE, FR
[72] BERRO, FABRICE, FR
[72] LEVON, JEAN-GABRIEL, FR
[71] YNSECT, FR
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[25] FR
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[54] **ATELIER D'ELEVAGE D'INSECTES**
[72] COMPARAT, SOLENE, FR
[72] HUBERT, ANTOINE, FR
[72] BERRO, FABRICE, FR
[72] LEVON, JEAN-GABRIEL, FR
[72] LAUNAY, FRANK, FR
[72] SARTON DU JONCHAY, THIBAULT, FR
[71] YNSECT, FR
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[54] **ROTOR POUR POMPE A FLUIDE AINSI QUE PROCEDE ET MOULE POUR SA FABRICATION**
[72] SIESS, THORSTEN, DE
[72] SCHECKEL, MARIO, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
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[54] **METHOD FOR MEASURING THE FREQUENCY MODULATION OF A LASER SOURCE**
[54] **PROCEDE DE MESURE DE LA MODULATION DE FREQUENCE D'UNE SOURCE LASER**
[72] MINET, JEAN, FR
[72] PILLET, GREGOIRE, FR
[72] FENEYROU, PATRICK, FR
[71] THALES, FR
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[86] 2016-03-16 (PCT/EP2016/055639)
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[25] EN
[54] **METHOD AND DEVICES FOR OBTAINING ENERGY FORM THE EARTH'S GRAVITATIONAL FORCE, AND DEVICE FOR INTRODUCING A WORKING BODY INTO A LIQUID**
[54] **PROCEDES ET DISPOSITIFS DE PRODUCTION D'ENERGIE A PARTIR D'UNE FORCE DE GRAVITATION TERRESTRE, ET DISPOSITIF PERMETTANT D'INTRODUIRE UN CORPS OPERATIONNEL DANS UN LIQUIDE**
[72] AKBAYIR, ZEKI, DE
[71] AKBAYIR HOLDING UG, DE
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[54] **DISPLAY POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT D'UN ECRAN D'AFFICHAGE**
[72] SHARMA, PRAMOD KUMAR, US
[72] SCHOLLER, JEROME, US
[71] TANGIBLE PLAY, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING A SURGICAL MECHATRONIC ASSISTANCE SYSTEM BY MEANS OF A HOLDING ARM FOR MEDICAL PURPOSES**
[54] **METHODE ET APPAREIL DE CONTROLE DE SYSTEME D'ASSISTANCE MECATRONIQUE CHIRURGICAL AU MOYEN D'UN BRAS DE SUPPORT DESTINE A DES FINS MEDICALES**
[72] NOWATSCHIN, STEPHAN, DE
[72] KRINNINGER, MAXIMILIAN, DE
[72] GIERLACH, DOMINIKUS, DE
[71] MEDINEERING GMBH, DE
[85] 2017-09-26
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[25] EN
[54] **HOLDING ARM FOR MEDICAL PURPOSES HAVING A REMOVABLE OPERATING UNIT, AND AN OPERATING DEVICE THEREFOR**
[54] **BRAS DE SOUTIEN DESTINE A DES FINS MEDICALES COMPORTANT UN MODULE FONCTIONNEL AMOVIBLE ET DISPOSITIF FONCTIONNEL ASSOCIE**
[72] NOWATSCHIN, STEPHAN, DE
[72] KRINNINGER, MAXIMILIAN, DE
[72] GIERLACH, DOMINIKUS, DE
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[54] **TINE SUPPORT**
[54] **PORTE-DENTS**
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[54] **POLYETHYLENE TEREPHTALATE RENFORCE DE GRAPHENE**
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[72] BANDLA, SUDHEER, US
[71] NIAGARA BOTTLING, LLC, US
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[25] EN
[54] **TENSION CORD GUIDE IN A WIND TURBINE TOWER**
[54] **GUIDE DE CABLES TENDEURS DANS UN MAT D'EOLIENNE**
[72] KERSTEN, ROY, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-09-26
[86] 2016-04-08 (PCT/EP2016/057745)
[87] (WO2016/166026)
[30] DE (10 2015 206 668.1) 2015-04-14

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH STEEL, METHOD FOR MANUFACTURING HIGH-STRENGTH STEEL, STEEL PIPE AND METHOD FOR MANUFACTURING STEEL PIPE**
[54] **ACIER A HAUTE RESISTANCE, METHODE DE FABRICATION D'ACIER A HAUTE RESISTANCE, TUYAU EN ACIER ET METHODE DE FABRICATION DE TUYAU EN ACIER**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
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[54] **CONTAMINATION INHIBITOR COMPOSITION**
[54] **COMPOSITION INHIBITRICE DE CONTAMINATION**
[72] SEKIYA, HIROSHI, JP
[72] KOBAYASHI, DAISUKE, JP
[72] SAWADA, HIRAKU, JP
[72] OGODA, SHINICHIRO, JP
[72] YUSA, KAZUYUKI, JP
[71] MAINTECH CO., LTD., JP
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[54] **LUBRICATING GREASE COMPOSITION**
[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**
[72] SAWAGUCHI, WATARU, JP
[72] INAI, MOTOYUKI, JP
[72] SHINOZAKI, AKIRA, JP
[71] NOK KLUEBER CO., LTD., JP
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[54] **LUBRICATING GREASE COMPOSITION**
[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**
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[72] INAI, MOTOYUKI, JP
[72] SHINOZAKI, AKIRA, JP
[71] NOK KLUEBER CO., LTD., JP
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[25] EN
[54] **MOLDING DEVICE**
[54] **DISPOSITIF DE MOULAGE**
[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-26
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[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTION AND/OR TREATMENT OF ATOPIC DERMATITIS CONTAINING IL-31 ANTAGONIST AS ACTIVE INGREDIENT**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION ET/OU LE TRAITEMENT DE LA DERMATITE ATOPIQUE CONTENANT COMME PRINCIPE ACTIF UN ANTAGONISTE DE L'IL-31**
[72] KANEKO, AKIHISA, JP
[72] IWAYANAGI, YUKI, JP
[72] KITAMURA, HIDETOMO, JP
[72] HIGUCHI, YOSHINOBU, JP
[72] MATSUSHITA, HIROAKI, JP
[72] MIHARA, RYOSUKE, JP
[72] YAMAMOTO, YUMI, JP
[72] SAITO, TOMOHISA, JP
[72] HIROKAWA, KEIKO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] **PERIPHERY MONITORING APPARATUS OF OPERATION MACHINE AND PERIPHERY MONITORING METHOD OF OPERATION MACHINE**
[54] **DISPOSITIF DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER ET PROCEDE DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER**
[72] MACHIDA, MASAOMI, JP
[72] KURIHARA, TAKESHI, JP
[71] KOMATSU LTD., JP
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[54] **FORMING DEVICE**
[54] **DISPOSITIF DE FACONNAGE**
[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
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[54] **ULTRASONIC MULTIPLEXING NETWORK FOR IMPLANTABLE MEDICAL DEVICES**
[54] **RESEAU DE MULTIPLEXAGE ULTRASONORE POUR DISPOSITIFS MEDICAUX IMPLANTABLES**
[72] MELODIA, TOMMASO, US
[72] SANTAGATI, GIUSEPPE ENRICO, US
[71] NORTHEASTERN UNIVERSITY, US
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[54] **CELLULES D'ELECTROCHLORATION A VOLUME REDUIT ET LEURS PROCEDES DE FABRICATION**
[72] GRIFFIS, JOSHUA W., US
[72] LIANG, LI-SHIANG, US
[72] BEDDOES, PAUL, GB
[72] GREEN, ANDREW, GB
[72] DUKES, SIMON, US
[72] TELEPCIAK, JACOB, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **SYSTEM AND METHOD FOR PROVIDING A CRYPTOGRAPHIC PLATFORM FOR EXCHANGING INFORMATION**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PLATEFORME CRYPTOGRAPHIQUE POUR ECHANGER DES INFORMATIONS**
[72] SEGER, ROBERT A., II, US
[72] FINAN, CHRISTOPHER T., US
[71] MANIFOLD SECURITY, INC., US
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[54] **IMAGE ANALYSIS**
[54] **ANALYSE D'IMAGES**
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[71] EYEKOR, LLC, US
[85] 2017-09-26
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[54] **KEEPSAKE PLAQUE FOR CREMATED REMAINS**
[54] **PLAQUE SOUVENIR POUR CENDRES FUNERAIRES**
[72] BYNDON, LARRY T., US
[71] BYNDON, LARRY T., US
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[54] **NOEUD LYMPHATIQUE ARTIFICIEL IN VITRO DE SENSIBILISATION ET DE MULTIPLICATION DE LYMPHOCYTES T POUR LA THERAPIE ET LA CARTOGRAPHIE DES EPITOPES**
[72] LOWENFELD, LEA, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[86] 2016-03-25 (PCT/US2016/024146)
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[54] **SYSTEMS AND METHODS OF REDUCING A BACTERIA POPULATION IN HIGH HYDROGEN SULFIDE WATER**
[54] **SYSTEMES ET PROCEDES DE REDUCTION D'UNE POPULATION BACTERIENNE DANS DE L'EAU A TENEUR ELEVEE EN SULFURE D'HYDROGENE**
[72] BUSCHMANN, WAYNE, US
[71] CLEAN CHEMISTRY, INC., US
[85] 2017-09-26
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[54] **ASYMMETRIC CATALYTIC DECARBOXYLATIVE ALKYL ALKYLATION USING LOW CATALYST CONCENTRATIONS AND A ROBUST PRECATALYST**
[54] **ALKYLATION DECARBOXYLATIVE CATALYTIQUE ASYMETRIQUE D'ALKYLE AU MOYEN DE FAIBLES CONCENTRATIONS DE CATALYSEUR ET D'UN PRECATALYSEUR ROBUSTE**
[72] STOLTZ, BRIAN M., US
[72] MARZIALE, ALEXANDER N., CH
[72] CRAIG, ROBERT A., US
[72] DUQUETTE, DOUGLAS, US
[72] KIM, KELLY E., US
[72] LINIGER, MARC, CH
[72] NUMAJIRI, YOSHITAKA, JP
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[25] EN
[54] **SELF-HEATING DEVICE FOR WARMING OF BIOLOGICAL SAMPLES**
[54] **DISPOSITIF AUTO-CHAUFFANT POUR CHAUFFER DES ECHANTILLONS BIOLOGIQUES**
[72] BECKERDITE, JOHN, US
[72] PEDICINI, CHRISTOPHER, US
[71] RECHARGEABLE BATTERY CORPORATION, US
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[54] **AQUEOUS KETOGENIC COMPOSITIONS**
[54] **COMPOSITIONS CETOGENES AQUEUSES**
[72] OLSON, KURT, US
[72] GINGRICH, SUSAN, US
[71] CAMBROOKE THERAPEUTICS, INC., US
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[25] EN
[54] **CO-CRYSTALS OF A BRUTON'S TYROSINE KINASE INHIBITOR**
[54] **CO-CRISTAUX D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] GOLDMAN, ERICK, US
[72] SMYTH, MARK STEPHEN, US
[72] BONNAUD, THIERRY, GB
[72] SULEIMAN, OSAMA, GB
[72] WORRALL, CHRISTOPHER PETER, GB
[71] PHARMACYCLICS LLC, US
[85] 2017-09-26
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[51] **Int.Cl. G21D 3/06 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR A NUCLEAR POWER PLANT AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE SECURITE POUR CENTRALE NUCLEAIRE ET PROCEDE POUR L'EXPLOITER**
[72] REMLEY, GILBERT WILLIAM, US
[72] SCAROLA, KENNETH, US
[71] MITSUBISHI ELECTRIC POWER PRODUCTS, INC., US
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[54] **SOLVATED FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR**
[54] **FORMES SOLVATEES D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] GOLDMAN, ERICK, US
[72] SMYTH, MARK STEPHEN, US
[72] BONNAUD, THIERRY, GB
[72] MUNOZ GARCIA, ALBERTO, GB
[72] WORRALL, CHRISTOPHER PETER, GB
[71] PHARMACYCLICS LLC, US
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[54] **METHOD FOR THE TREATMENT OF MALIGNANCIES**
[54] **PROCEDE DE TRAITEMENT DE TUMEURS MALIGNES**
[72] PIERCE, ROBERT H., US
[72] DAUD, ADIL, US
[71] ONCOSEC MEDICAL INCORPORATED, US
[85] 2017-09-26
[86] 2016-03-24 (PCT/US2016/024079)
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[51] **Int.Cl. C07D 487/10 (2006.01) A61K 31/33 (2006.01) A61P 35/00 (2006.01) C07D 211/18 (2006.01)**
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[54] **SPIROCYCLIC COMPOUNDS**
[54] **COMPOSES SPIROCYCLIQUES**
[72] HUANG, PETER QINHUA, US
[72] KAHRAMAN, MEHMET, US
[72] SLEE, DEBORAH HELEN, US
[72] BUNKER, KEVIN DUANE, US
[72] HOPKINS, CHAD DANIEL, US
[72] PINCHMAN, JOSEPH ROBERT, US
[72] ABRAHAM, SUNNY, US
[72] SIT, RAKESH KUMAR, US
[72] SEVERANCE, DANIEL LEE, US
[71] KALYRA PHARMACEUTICALS, INC., US
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[54] **SOFT TISSUE TENSIONING AND FIXATION DEVICE**
[54] **DISPOSITIF DE MISE SOUS TENSION ET DE FIXATION DE TISSU MOU**
[72] LOPEZ, MANDI J., US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[25] EN
[54] **SYSTEM FOR HIGH PRESSURE, HIGH SHEAR PROCESSING OF FLUIDS**
[54] **SYSTEME POUR LE TRAITEMENT A HAUTE PRESSION ET A CISAILLEMENT ELEVE DE FLUIDES**
[72] TING, EDMUND Y., US
[71] PRESSURE BIOSCIENCES, INC., US
[85] 2017-09-26
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[87] (WO2016/160667)
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[13] A1
[51] **Int.Cl. C12N 1/38 (2006.01) C12N 1/20 (2006.01) C12N 1/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR ENHANCED ENZYME PRODUCTION**
[54] **COMPOSITIONS POUR LA PRODUCTION AMELIOREE D'ENZYMES**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] YOSHIDA, AIICHIRO, US
[72] MOON, JAEWOONG, US
[72] BERGERON, CHRISTOPHER G., US
[72] LYNCH, JAMES J., US
[71] XYLECO, INC., US
[85] 2017-09-26
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[25] EN
[54] **HYDROGEL IMPLANTS WITH POROUS MATERIALS AND METHODS**
[54] **IMPLANTS A BASE D'HYDROGEL COMPORTANT DES MATERIAUX POREUX ET PROCEDES ASSOCIES**
[72] PATRICK, TIMOTHY J., US
[72] RAMEY, CARRIBETH B., US
[72] TUDOR, LETITIA, US
[72] AXELROD, MICHAEL A., US
[71] CARTIVA, INC., US
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[25] EN
[54] **CARPOMETACARPAL (CMC) IMPLANTS AND METHODS**
[54] **IMPLANTS CARPOMETACARPIENS (CMC) ET PROCEDES**
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[72] RAMEY, CARRIBETH B., US
[72] TUDOR, LETITIA, US
[71] CARTIVA, INC., US
[85] 2017-09-26
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[30] US (62/141,186) 2015-03-31

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[13] A1
[51] **Int.Cl. A61K 31/4245 (2006.01) C07D 271/06 (2006.01) C07D 333/10 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF 2-THIOPHENECARBONYL CHLORIDE**
[54] **PROCEDES DE PREPARATION DE CHLORURE DE 2-THIOPHENECARBONYLE**
[72] WALKER, DANIEL P., US
[72] MILLER, WILLIAM H., US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **ADVANCED DATA CELL RESOURCE MAPPING**
[54] **MISE EN CORRESPONDANCE DE RESSOURCES DE CELLULE DE DONNEES AMELIOREE**
[72] EARNSHAW, MARK, US
[72] SIMON, MICHAEL J., US
[72] SHELBY, KEVIN A., US
[71] ONE MEDIA, LLC, US
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[54] **THERAPY FOR MALIGNANT DISEASE**
[54] **THERAPIE POUR UNE AFFECTION MALIGNE**
[72] MOORE, RICHARD G., US
[72] SINGH, RAKESH K., US
[72] YANO, NAOHIRO, US
[71] WOMAN & INFANTS' HOSPITAL OF RHODE ISLAND, US
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[30] US (62/138,836) 2015-03-26

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[25] EN
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[54] **TARIERE DE FORAGE CREUSE**
[72] FALKENHAGEN, ERIC ALAN, AU
[71] FALKENHAGEN, ERIC ALAN, AU
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[30] AU (2015901126) 2015-03-28

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[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61M 11/00 (2006.01) B05B 17/06 (2006.01)**
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[54] **DISTRIBUTEUR PIEZOELECTRIQUE AVEC AMPOULE REMPLACABLE**
[72] IVRI, YEHUDA, US
[71] KEDALION THERAPEUTICS, INC., US
[85] 2017-09-26
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[51] **Int.Cl. C09D 5/08 (2006.01) C04B 14/36 (2006.01) C04B 16/00 (2006.01) C08L 63/00 (2006.01) C09D 163/00 (2006.01) C23C 22/52 (2006.01) C23F 11/10 (2006.01) C23F 11/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR INHIBITING CORROSION**
[54] **COMPOSITIONS POUR L'INHIBITION DE CORROSION**
[72] MARDEL, JAMES IVAN, AU
[72] COLE, IVAN STUART, AU
[72] WHITE, PAUL ANDREW, AU
[72] HUGHES, ANTHONY EWART, AU
[72] MARKLEY, TRACEY ANNE, AU
[72] HARVEY, TIMOTHY GRAHAM, AU
[72] OSBORNE, JOSEPH, US
[72] SAPPER, ERIK, US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] THE BOEING COMPANY, US
[85] 2017-09-27
[86] 2016-03-31 (PCT/AU2016/050245)
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[30] US (62/141,084) 2015-03-31

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[54] **TOOLING FOR CREATING TAPERED OPENING IN TISSUE AND RELATED METHODS**
[54] **OUTILLAGE POUR CREATION D'UNE OUVERTURE CONIQUE DANS LE TISSU ET PROCEDES ASSOCIES**
[72] AXELROD, MICHAEL A., US
[72] TUDOR, LETITIA, US
[71] CARTIVA, INC., US
[85] 2017-09-26
[86] 2016-04-13 (PCT/US2016/027370)
[87] (WO2016/168363)
[30] US (62/147,548) 2015-04-14

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[51] **Int.Cl. G08C 23/06 (2006.01) B25J 3/00 (2006.01) G01J 1/04 (2006.01) G08G 9/00 (2006.01)**
[25] EN
[54] **OMNIDIRECTIONAL OPTICAL WIRELESS COMMUNICATIONS RECEIVER & SYSTEM**
[54] **RECEPTEUR DE COMMUNICATIONS SANS FIL OPTIQUE OMNIDIRECTIONNEL & SYSTEME**
[72] BARROSO, ALBERTO RUI FRUTUOSO, CA
[72] BAIDEN, GREGORY, CA
[71] PENGUIN AUTOMATED SYSTEMS INC., CA
[85] 2017-09-27
[86] 2016-03-24 (PCT/CA2016/050354)
[87] (WO2016/154742)
[30] US (62/139,008) 2015-03-27

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[25] EN
[54] **SECURITY INSPECTION PASSAGE AND SECURITY INSPECTION APPARATUS**
[54] **CANAL DE CONTROLE DE SECURITE ET DISPOSITIF DE VERIFICATION DE SECURITE**
[72] HUANG, QINGPING, CN
[72] XU, JIA, CN
[72] HONG, MINGZHI, CN
[72] ZHENG, YANXIA, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2017-09-27
[86] 2016-07-22 (PCT/CN2016/090986)
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[30] CN (201510608267.3) 2015-09-22

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[25] EN
[54] **(S)-2'-VINYL-ABSCISIC ACID DERIVATIVES**
[54] **DERIVES D'ACIDE (S)-2'-VINYL ABSCISSIQUE**
[72] WANG, GARY T., US
[72] HEIMAN, DANIEL F., US
[72] VENBURG, GREGORY D., US
[72] LUSTIG, JOSEPH, US
[72] SURPIN, MARCI ANN, US
[72] FRITTS, ROBERT ERWIN, JR., US
[72] SILVERMAN, FRANKLIN PAUL, US
[72] WOOLARD, DEREK D., US
[71] VALENT BIOSCIENCES LLC, US
[85] 2017-09-26
[86] 2016-04-15 (PCT/US2016/027664)
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[51] **Int.Cl. C08G 18/36 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **METATHESIZED TRIACYLGLYCEROL GREEN POLYOLS FROM PALM OIL FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**
[54] **POLYOLS VERTS A BASE DE TRIACYLGLYCEROL AYANT SUBI UNE METATHESE, OBTENUS A PARTIR D'HUILE DE PALME, DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUES ASSOCIEES**
[72] PILLAI, PRASANTH KUMAR SASIDHARAN, CA
[72] LI, SHAOJUN, CA
[72] BOUZIDI, LAZIZ, CA
[72] MAHDEVARI, ALI, CA
[72] NARINE, SURESH, CA
[71] TRENT UNIVERSITY, CA
[85] 2017-09-27
[86] 2015-03-26 (PCT/CA2015/050234)
[87] (WO2015/143562)
[30] US (61/971,475) 2014-03-27
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[25] EN
[54] **STRIPPER-HARVESTER; HARVESTING DEVICE**
[54] **BATTEUSE A EPIS; DISPOSITIF DE RECOLTE**
[72] FINK, LUCIAN, ANDREJ, DE
[71] FINK, LUCIAN, ANDREJ, DE
[85] 2017-09-27
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[51] **Int.Cl. C08G 18/36 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **CERTAIN METATHESIZED NATURAL OIL TRIACYLGLYCEROL POLYOLS FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**
[54] **POLYOLS DE TRIACYLGLYCEROLS A BASE D'HUILE NATURELLE AYANT SUBI UNE METATHESE DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUES ASSOCIEES**
[72] NARINE, SURESH, CA
[72] PILLAI, PRASANTH KUMAR SASIDHARAN, CA
[72] LI, SHAOJUN, CA
[72] BOUDZIDI, LAZIZ, CA
[72] MAHDEVARI, ALI, CA
[71] TRENT UNIVERSITY, CA
[85] 2017-09-27
[86] 2015-03-26 (PCT/CA2015/050235)
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[30] US (61/971,475) 2014-03-27
[30] US (62/107,404) 2015-01-24

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[51] **Int.Cl. C12N 15/82 (2006.01) A01N 63/00 (2006.01) C07K 14/195 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **PESTICIDAL GENES AND METHODS OF USE**
[54] **GENES PESTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] PARKS, JESSICA, US
[72] ROBERTS, KIRA BULAZEL, US
[72] THAYER, REBECCA E., US
[71] AGBIOME, INC., US
[85] 2017-09-26
[86] 2016-04-15 (PCT/US2016/027710)
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[30] US (62/151,156) 2015-04-22

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[25] EN
[54] **SEPARATED PUPIL OPTICAL SYSTEMS FOR VIRTUAL AND AUGMENTED REALITY AND METHODS FOR DISPLAYING IMAGES USING SAME**
[54] **SYSTEMES OPTIQUES A PUPILLES SEPAREES DE REALITE VIRTUELLE ET DE REALITE AUGMENTEE ET PROCEDES D'AFFICHAGE D'IMAGES LES UTILISANT**
[72] KLUG, MICHAEL A., US
[72] CAHALL, SCOTT C., US
[72] CHUNG, HYUNSUN, US
[71] MAGIC LEAP, INC., US
[85] 2017-09-26
[86] 2016-05-04 (PCT/US2016/030717)
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[30] US (62/156,809) 2015-05-04

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[54] **METATHESIZED TRIACYLGLYCEROL POLYOLS DERIVED FROM PALM OIL FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**
[54] **POLYOLS A BASE DE TRIACYLGLYCEROL AYANT SUBI UNE METATHESE, DERIVES D'HUILE DE PALME, DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUESASSOCIEES**
[72] NARINE, SURESH, CA
[72] PILLAI, PRASANTH KUMAR SASIDHARAN, CA
[72] LI, SHAOJUN, CA
[72] BOUZIDI, LAZIZ, CA
[72] MAHDEVARI, ALI, CA
[71] TRENT UNIVERSITY, CA
[85] 2017-09-27
[86] 2015-03-27 (PCT/CA2015/050242)
[87] (WO2015/143568)
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[51] **Int.Cl. E21B 7/24 (2006.01) E21B 28/00 (2006.01)**
[25] EN
[54] **DOWNHOLE VIBRATION ASSEMBLY AND METHOD OF USING SAME**
[54] **ENSEMBLE DE VIBRATION DE FOND DE TROU ET SON PROCEDE D'UTILISATION**
[72] PRILL, JONATHAN RYAN, CA
[71] DRECO ENERGY SERVICES ULC, CA
[85] 2017-09-27
[86] 2016-04-04 (PCT/CA2016/000099)
[87] (WO2016/161502)
[30] US (62/144,801) 2015-04-08

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[51] **Int.Cl. B01J 19/00 (2006.01) F25D 17/02 (2006.01)**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR CONTROLLING COOLING FLUID**
[54] **PROCEDES ET SYSTEMES DE REGULATION DE FLUIDE DE REFROIDISSEMENT**
[72] SCHRAD, GREGORY J., US
[72] HAGEN, JAMES G., US
[72] MUELLER, SEAN G., US
[72] PHAM, TRUNG, US
[72] XU, ZHANPING, US
[71] UOP LLC, US
[85] 2017-09-26
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[30] US (62/181,531) 2015-06-18

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[13] A1
[51] **Int.Cl. B21D 26/041 (2011.01)**
[25] EN
[54] **FORMING DEVICE**
[54] **DISPOSITIF DE FACONNAGE**
[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-27
[86] 2016-03-25 (PCT/JP2016/059704)
[87] (WO2016/158787)
[30] JP (2015-072467) 2015-03-31

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[51] **Int.Cl. G01N 35/02 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **ANALYSIS CHIP**
[54] **PUCE D'ANALYSE**
[72] OTSUKA, HIROKI, JP
[72] UEDA, YOJI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-09-27
[86] 2016-03-31 (PCT/JP2016/060840)
[87] (WO2016/159324)
[30] JP (2015-072737) 2015-03-31
[30] JP (2015-255380) 2015-12-25

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[13] A1
[51] **Int.Cl. A01N 25/30 (2006.01)**
[25] EN
[54] **SOLUTIONS EMPLOYING HERBICIDES AND BUFFERED AMINE OXIDES TO KILL WEEDS AND RELATED METHODS**
[54] **SOLUTIONS UTILISANT DES HERBICIDES ET DES OXYDES D'AMINE TAMPONNES POUR TUER LES MAUVAISES HERBES ET PROCEDES ASSOCIES**
[72] WARD, HANS A., US
[72] CLAWSON, RONALD W., JR., US
[72] CUTLER, KENNETH A., US
[72] SCOTT, CAMERON R., NZ
[71] KOP-COAT, INC., US
[85] 2017-09-27
[86] 2015-10-06 (PCT/US2015/054116)
[87] (WO2016/160062)
[30] US (14/674,498) 2015-03-31

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[51] **Int.Cl. B01J 27/047 (2006.01) B01J 27/02 (2006.01) B01J 27/04 (2006.01) B01J 37/20 (2006.01)**
[25] EN
[54] **PRESULFURIZED CATALYST COMPOSITION**
[54] **COMPOSITION DE CATALYSEUR PRESULFURE**
[72] SEAMANS, JAMES DALLAS, US
[72] KOH, EVONNE, SG
[71] POROCEL INTERNATIONAL, LLC, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024257)
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[30] US (62/139,423) 2015-03-27

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[51] **Int.Cl. H04N 5/272 (2006.01) G06T 3/00 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01) H04N 5/66 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING PROGRAM**
[54] **APPAREIL DE TRAITEMENT DE L'INFORMATION, METHODE DE TRAITEMENT DE L'INFORMATION ET PROGRAMME DE TRAITEMENT DE L'INFORMATION**
[72] CHIBA, TAKETO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2017-09-27
[86] 2016-04-05 (PCT/JP2016/061059)
[87] (WO2016/163342)
[30] JP (2015-077766) 2015-04-06

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[51] **Int.Cl. A61K 31/70 (2006.01) A61K 31/715 (2006.01) A61P 35/00 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR TREATING CANCER**
[54] **PROCEDES ET MATERIAUX POUR TRAITER LE CANCER**
[72] STEFANO, GEORGE B., US
[72] KREAM, RICHARD M., US
[72] MANTIONE, KIRK J., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024283)
[87] (WO2016/160590)
[30] US (62/139,163) 2015-03-27

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[51] **Int.Cl. A61K 31/715 (2006.01) A61K 9/00 (2006.01) A61K 31/70 (2006.01) A61K 35/00 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR REDUCING AMYLOID BETA LEVELS WITHIN A MAMMAL**
[54] **PROCEDES ET MATERIAUX VISANT A REDUIRE LES NIVEAUX DE PROTEINE BETA-AMYLOIDE CHEZ UN MAMMIFERE**
[72] STEFANO, GEORGE B., US
[72] KREAM, RICHARD M., US
[72] MANTIONE, KIRK J., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024295)
[87] (WO2016/160594)
[30] US (62/139,178) 2015-03-27

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[13] A1
[51] **Int.Cl. E02B 3/06 (2006.01) B63B 35/44 (2006.01) E02B 17/02 (2006.01) E02D 23/02 (2006.01) E02D 27/52 (2006.01)**
[25] EN
[54] **SEA BED TERMINAL FOR OFFSHORE ACTIVITIES**
[54] **TERMINAL DE FOND MARIN POUR ACTIVITES EN MER**
[72] VARTDAL, HARALD, NO
[72] ROYSHEIM, TORE, NO
[72] KJERSEM, GEIR L., NO
[71] GRAVI FLOAT AS, NO
[85] 2017-09-27
[86] 2015-09-08 (PCT/NO2015/050156)
[87] (WO2016/085347)
[30] NO (20141426) 2014-11-27

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/59 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CAR T-CELL THERAPY DIRECTED TO LHR FOR THE TREATMENT OF SOLID TUMORS**
[54] **THERAPIE A BASE DE LYMPHOCYTES T CAR DIRIGES CONTRE LE RECEPTEUR LHR POUR LE TRAITEMENT DES TUMEURS SOLIDES**
[72] EPSTEIN, ALAN L., US
[72] HU, PEISHENG, US
[72] PINSKI, JACEK K., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024354)
[87] (WO2016/160618)
[30] US (62/139,623) 2015-03-27

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CAR T-CELLS FOR THE TREATMENT OF B7-H4 EXPRESSING SOLID TUMORS**
[54] **LYMPHOCYTES T CAR POUR LE TRAITEMENT DES TUMEURS SOLIDES EXPRIMANT B7-H4**
[72] EPSTEIN, ALAN L., US
[72] HU, PEISHENG, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024357)
[87] (WO2016/160620)
[30] US (62/139,592) 2015-03-27

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[13] A1
[51] **Int.Cl. F16L 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEALING THREADED PIPE JOINTS**
[54] **PROCEDE POUR ASSURER L'ETANCHEITE DE RACCORDS FILETES DE TUYAUX**
[72] TOKAREV, ALEKSEY VASILEVICH, RU
[72] TOKAREV, PAVEL ALEKSEEVICH, RU
[72] KOLESNICHENKO, VASILIY VASILEVICH, RU
[71] TOKAREV, ALEKSEY VASILEVICH, RU
[85] 2017-09-27
[86] 2016-08-01 (PCT/RU2016/000495)
[87] (WO2017/116278)
[30] RU (2015156657) 2015-12-28

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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MONOLITHIC CERAMIC END MILL CUTTER SET HAVING A HELIX ANGLE IN THE INTERVAL OF 28 TO 43**
[54] **ENSEMBLE DE COUPE A FRAISE EN BOUT DE CERAMIQUE MONOLITHIQUE COMPRENANT UN ANGLE D'HELICE DANS L'INTERVALLE DE 28 A 43**
[72] SERT ALAGAC, MELIKE, TR
[72] YILMAZ, UGUR EVRENSEL, TR
[71] ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2017-09-27
[86] 2016-08-01 (PCT/TR2016/050252)
[87] (WO2017/099682)
[30] TR (2015/15785) 2015-12-09

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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **END-MILLS MADE OF HARD METAL AND CERAMIC COMBINED BY BRAZING METHOD**
[54] **FRAISE EN BOUT COMPOSEE DE METAL DUR ET DE CERAMIQUE COMBINES PAR UN PROCEDE DE BRASAGE**
[72] BASKUT, EVREN, TR
[72] YILMAZ, UGUR EVRENSEL, TR
[71] ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2017-09-27
[86] 2016-12-13 (PCT/TR2016/050493)
[87] (WO2017/105367)
[30] TR (2015/16043) 2015-12-14

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[13] A1
[51] **Int.Cl. A47G 9/06 (2006.01) A44C 25/00 (2006.01) A47G 27/02 (2006.01) A61H 99/00 (2006.01) A63B 6/00 (2006.01)**
[25] EN
[54] **HEALTH ACCESSORIES**
[54] **ACCESSOIRES DE SANTE**
[72] DARNELL, CARRIE ANN, US
[71] DARNELL, CARRIE ANN, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024223)
[87] (WO2016/160575)
[30] US (62/139,136) 2015-03-27

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G01N 1/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSESSING STAIN QUALITY FOR IN-SITU HYBRIDIZATION AND IMMUNOHISTOCHEMISTRY**
[54] **METHODE ET SYSTEME D'EVALUATION DE LA QUALITE DE LA COLORATION POUR L'IMMUNOCYTOCHIMIE ET L'HYBRIDATION IN SITU**
[72] GARSHA, KARL, US
[72] OTTER, MICHAEL, US
[72] STEVENS, BENJAMIN, US
[72] TAFT, JEFFERSON, US
[72] VENTURA, FRANK, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-09-27
[86] 2016-05-25 (PCT/EP2016/061859)
[87] (WO2016/189065)
[30] US (62/166,155) 2015-05-26
[30] US (62/328,041) 2016-04-27

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[13] A1
[51] **Int.Cl. A61K 31/282 (2006.01) C07F 15/00 (2006.01) C07F 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DICYCLOPLATIN**
[54] **PROCEDE DE PREPARATION DE DICYCLOPLATINE**
[72] LIU, XIAOZHONG, CN
[72] XI, JIRUI, US
[72] ZHAO, YE, US
[72] ZHANG, LIANG, US
[71] SYN-NAT PRODUCTS ENTERPRISE LLC, US
[71] MEDONCARE PHARMACEUTICAL CO., LTD, CN
[85] 2017-09-27
[86] 2015-04-10 (PCT/US2015/025334)
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[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] IKEDA, NOBUHISA, JP
[72] AOKI, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-27
[86] 2015-03-27 (PCT/JP2015/059712)
[87] (WO2016/157320)

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[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/435 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTENT INFORMATION COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION D'INFORMATIONS DE CONTENU**
[72] DESHPANDE, SACHIN G., US
[72] MOSER, PETER T., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-09-27
[86] 2016-04-22 (PCT/JP2016/002162)
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[30] US (62/151,295) 2015-04-22
[30] US (62/281,583) 2016-01-21

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[25] EN
[54] **HLA-G AS A NOVEL TARGET FOR CAR T-CELL IMMUNOTHERAPY**
[54] **HLA-G EN TANT QUE NOUVELLE CIBLE POUR L'IMMUNOTHERAPIE PAR LYMPHOCYTES T CAR**
[72] EPSTEIN, ALAN L., US
[72] HU, PEISHENG, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024361)
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[30] US (62/139,617) 2015-03-27

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[51] **Int.Cl. B25C 1/04 (2006.01)**
[25] EN
[54] **LIFT MECHANISM FOR FRAMING NAILER**
[54] **MECANISME DE LEVAGE POUR CLOUEUSE DE CHARPENTE**
[72] MCCARDLE, THOMAS A., US
[72] KLEIN, CHRISTOPHER D., US
[72] KABBES, ANTHONY D., US
[72] RIES, DONALD C., US
[72] BURKE, JOHN T., US
[72] GUNNERSON, KORY A., US
[72] SCHAFER, JEROME J., US
[71] SENCO BRANDS, INC., US
[85] 2017-09-27
[86] 2016-03-28 (PCT/US2016/024510)
[87] (WO2016/160699)
[30] US (62/140,177) 2015-03-30

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PREDICTING PRODUCT PERFORMANCE IN A RETAIL DISPLAY AREA**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE PREDICTION DE PERFORMANCE DE PRODUIT DANS UNE ZONE D'AFFICHAGE AU DETAIL**
[72] KOLLURU, MURTHY NARAYANA, US
[71] WAL-MART STORES, INC., US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/024891)
[87] (WO2016/160916)
[30] US (62/140,244) 2015-03-30

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[51] **Int.Cl. B64G 1/22 (2006.01) B64G 1/50 (2006.01) F28D 15/02 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **SATELLITE RADIATOR PANELS WITH COMBINED STIFFENER/HEAT PIPE**
[54] **PANNEAUX DE RADIATEUR POUR SATELLITE A RAIDISSEUR/CALODUC COMBINE**
[72] SMITH, ALEXANDER D., US
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/024916)
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[30] US (14/673,215) 2015-03-30

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[51] **Int.Cl. F28D 21/00 (2006.01) B64G 1/22 (2006.01) B64G 1/50 (2006.01) F28D 15/02 (2006.01)**
[25] EN
[54] **PASSIVE THERMAL SYSTEM COMPRISING COMBINED HEAT PIPE AND PHASE CHANGE MATERIAL AND SATELLITES INCORPORATING SAME**
[54] **SYSTEME THERMIQUE PASSIF COMPRENANT UN CALODUC ET UN MATERIAU A CHANGEMENT DE PHASE COMBINES ET SATELLITES COMPRENANT LEDIT SYSTEME**
[72] SMITH, ALEXANDER D., US
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
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[30] US (14/673,170) 2015-03-30

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[51] **Int.Cl. B64G 1/10 (2006.01)**
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[54] **SATELLITE FRAME AND METHOD OF MAKING A SATELLITE**
[54] **CADRE DE SATELLITE ET PROCEDE DE FABRICATION D'UN SATELLITE**
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[72] SMITH, ALEXANDER D., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/025006)
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[30] US (14/675,542) 2015-03-31

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[25] EN
[54] **NOVEL CYTOTOXIC AGENTS THAT PREFERENTIALLY TARGET LEUKEMIA INHIBITORY FACTOR (LIF) FOR THE TREATMENT OF MALIGNANCIES AND AS NEW CONTRACEPTIVE AGENTS**
[54] **NOUVEAUX AGENTS CYTOTOXIQUES QUI CIBLENT PREFERENTIELLEMENT LE FACTEUR D'INHIBITION DE LA LEUCEMIE (LIF) POUR LE TRAITEMENT DE TUMEURS MALIGNES ET COMME NOUVEAUX AGENTS CONTRACEPTIFS**
[72] NAIR, HAREESH, US
[72] SANTHAMMA, BINDU, US
[72] NICKISCH, KLAUS, DE
[71] EVESTRA, INC., US
[85] 2017-09-27
[86] 2016-03-22 (PCT/US2016/023582)
[87] (WO2016/154203)
[30] US (62/136,813) 2015-03-23

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[51] **Int.Cl. H01R 11/14 (2006.01)**
[25] EN
[54] **SPRING LOADED PARALLEL PAD CLAMP CONNECTORS CONNECTABLE USING LINEMAN HOT STICKS**
[54] **CONNECTEURS DE SERRAGE A RESSORT COMPORTANT DES PLAQUETTES PARALLELES POUVANT ETRE CONNECTES A L'AIDE DE PERCHES ISOLANTES DE MONTEUR DE LIGNES**
[72] DE FRANCE, ROBERT VICTOR, US
[72] DOBRINSKI, DANIEL DAVID, US
[72] HALL, JEFFERSON ROBERT, US
[71] HUBBELL INCORPORATED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/025086)
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[51] **Int.Cl. A61K 31/16 (2006.01) A61P 7/06 (2006.01) C07D 213/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ANEMIA**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER UNE ANEMIE**
[72] SMITH, ALEXANDER, US
[72] CHANDORKAR, GURUDATT AJAY, US
[72] ETTE, ENE IKPONG, US
[72] MARONI, BRADLEY JOHN, US
[72] HARTMAN, CHARLOTTE SUZANNE, US
[72] FARZANEH-FAR, RAMIN, US
[72] INRIG, JULA KERN, US
[71] AKEBIA THERAPEUTICS, INC., US
[85] 2017-09-27
[86] 2016-03-31 (PCT/US2016/025235)
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[30] US (62/141,420) 2015-04-01
[30] US (62/270,168) 2015-12-21

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[25] EN
[54] **VACUUM CLEANER ATTACHMENT DEVICE AND SYSTEM**
[54] **SYSTEME ET DISPOSITIF FORMANT ACCESSOIRE D'ASPIRATEUR**
[72] GEYER, JAY D., US
[71] GEYER, JAY D., US
[85] 2017-09-27
[86] 2016-03-31 (PCT/US2016/025376)
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[30] US (62/141,929) 2015-04-02
[30] US (15/078,877) 2016-03-23

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[51] **Int.Cl. C11D 3/10 (2006.01) C11D 1/00 (2006.01) C11D 1/12 (2006.01) C11D 3/36 (2006.01) C11D 3/39 (2006.01)**
[25] EN
[54] **ENHANCED PEROXYGEN STABILITY IN MULTI-DISPENSE TAED-CONTAINING PEROXYGEN SOLID**
[54] **STABILITE AMELIOREE DU PEROXYGENE DANS DU PEROXYGENE SOLIDE CONTENANT DE LA TAED ET DESTINE A ETRE DISTRIBUE EN PLUSIEURS FOIS**
[72] DOTZAUER, DAVID, US
[72] KUTZ, KRISTA, US
[71] ECOLAB USA INC., US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025497)
[87] (WO2016/161249)
[30] US (14/678,055) 2015-04-03

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[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/00 (2006.01) G01N 27/26 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANALYTE SENSING FOR EYE INJURIES AND CONDITIONS**
[54] **DETECTION D'ANALYTE POUR MALADIES ET LESIONS OCULAIRES**
[72] PAN, DIPANJAN, US
[72] MISRA, SANTOSH KUMAR, US
[72] GARTIA, MANAS RANJAN, US
[72] LABRIOLA, LEANNE T., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2017-09-27
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[51] **Int.Cl. B64G 1/10 (2006.01) B64G 1/24 (2006.01) B64G 1/50 (2006.01) B64G 1/58 (2006.01)**
[25] EN
[54] **METHOD FOR THERMAL STABILIZATION OF A COMMUNICATIONS SATELLITE**
[54] **PROCEDE DE STABILISATION THERMIQUE D'UN SATELLITE DE COMMUNICATION**
[72] ASKIJIAN, ARMEN, US
[72] FIELD, DANIEL W., US
[72] GROSSMAN, JAMES, US
[72] SMITH, ALEXANDER D., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025537)
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[30] US (14/676,568) 2015-04-01

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[51] **Int.Cl. A47K 5/12 (2006.01) B05C 17/00 (2006.01)**
[25] EN
[54] **FLEXIBLE MOUNTING SYSTEM FOR HAND HYGIENE DISPENSERS**
[54] **SYSTEME DE MONTAGE FLEXIBLE POUR DISTRIBUTEURS DE PRODUIT POUR L'HYGIENE DES MAINS**
[72] SCHULTZ, ANDREW M., US
[72] GILBERTSON, SARAH E., US
[72] ANDERSON, DANIEL D., US
[72] LITTAU, CHERYL A., US
[71] ECOLAB USA INC., US
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[86] 2016-04-01 (PCT/US2016/025617)
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[51] **Int.Cl. H04B 7/208 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AN ADAPTIVE FRAME STRUCTURE WITH FILTERED OFDM**
[54] **SYSTEME ET PROCEDE POUR UNE STRUCTURE DE TRAME ADAPTATIVE AVEC OFDM FILTRE**
[72] AU, KELVIN KAR KIN, CA
[72] MA, JIANGLEI, CA
[72] ZHANG, LIQING, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-28
[86] 2016-03-21 (PCT/CN2016/076896)
[87] (WO2016/155531)
[30] US (62/140,995) 2015-03-31
[30] US (15/004,430) 2016-01-22

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[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF NON-SQUARE INTRA PREDICTION FOR CHROMA COMPONENTS IN CODING SYSTEM WITH QUAD-TREE AND BINARY-TREE PARTITION**
[54] **PROCEDE ET APPAREIL D'INTRA-PREDICTION NON CARREE POUR COMPOSANTES DE CHROMINANCE DANS UN SYSTEME DE CODAGE AVEC DIVISION ENTRE UN ARBRE QUATERNAIRE ET UN ARBRE BINAIRE**
[72] CHEN, YI-WEN, CN
[72] AN, JICHENG, CN
[72] LIN, JIAN-LIANG, CN
[72] HUANG, YU-WEN, CN
[71] MEDIATEK INC., CN
[85] 2017-09-28
[86] 2016-03-31 (PCT/CN2016/077961)
[87] (WO2016/155641)
[30] CN (PCT/CN2015/075672) 2015-04-01

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[51] **Int.Cl. B01J 3/08 (2006.01) B01J 19/26 (2006.01) C07C 2/00 (2006.01) C07C 11/22 (2006.01)**
[25] EN
[54] **PYROLYTIC REACTOR AND METHOD OF USING**
[54] **REACTEUR PYROLYTIQUE ET PROCEDE D'UTILISATION**
[72] GATTUPALLI, RAJESWAR R., US
[72] KUCHANA, VINAYENDER, US
[72] LEONARD, LAURA E., US
[72] KOLLATI, VIGHNESWARA R., US
[72] SATTAR, AZIZ, US
[72] MOSTOFI-ASHTIANI, MOHAMMAD R., US
[72] SCHAFE, PETER, US
[71] UOP LLC, US
[85] 2017-09-27
[86] 2016-06-13 (PCT/US2016/037145)
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[13] A1
[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/045 (2006.01) A61K 31/15 (2006.01) C07C 245/00 (2006.01) C07C 245/02 (2006.01) C07C 245/04 (2006.01)**
[25] EN
[54] **AZOPHENOLS AS ERG ONCOGENE INHIBITORS**
[54] **AZOPHENOLS UTILISES EN TANT QU'INHIBITEURS DE L'ONCOGENE ERG**
[72] DOBI, ALBERT L., US
[72] DALGARD, CLIFTON, US
[72] SRIVASTAVA, SHIV, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2017-09-27
[86] 2016-09-09 (PCT/US2016/051098)
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[30] US (62/216,839) 2015-09-10

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[13] A1
[51] **Int.Cl. B41F 7/04 (2006.01) B41F 17/22 (2006.01) B41M 1/06 (2006.01) B41N 1/08 (2006.01) B41N 6/00 (2006.01) G03F 7/027 (2006.01) G03F 7/36 (2006.01)**
[25] EN
[54] **VARIABLE PRINTING PROCESS USING FLEXIBLE SECONDARY PLATES AND SPECIALTY INKS**
[54] **PROCEDE D'IMPRESSION VARIABLE UTILISANT DES PLAQUES SECONDAIRES FLEXIBLES ET DES ENCRES SPECIALES**
[72] CARRERAS, CHRIS, US
[72] HEDBERG, KELLIE M., US
[71] BALL CORPORATION, US
[85] 2017-09-27
[86] 2016-04-14 (PCT/US2016/027576)
[87] (WO2016/168488)
[30] US (14/686,517) 2015-04-14

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[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01)**
[25] EN
[54] **TERMINAL SIDE AND BASE STATION SIDE DEVICE, TERMINAL DEVICE, BASE STATION, AND WIRELESS COMMUNICATION METHOD**
[54] **DISPOSITIF DE COTE TERMINAL ET DE COTE STATION DE BASE, DISPOSITIF TERMINAL, STATION DE BASE, ET PROCEDE DE COMMUNICATION SANS FIL**
[72] WEI, YUXIN, CN
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-04-14 (PCT/CN2016/079241)
[87] (WO2016/165624)
[30] CN (201510184481.0) 2015-04-17

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[13] A1
[51] **Int.Cl. G09B 7/02 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR COGNITIVE ASSESSMENT AND TRAINING**
[54] **SYSTEME ET PROCEDE D'EVALUATION COGNITIVE ET D'ENTRAINEMENT**
[72] SOMERS, ANDREW, AU
[72] LETHLEAN, GRACE, AU
[72] KIRK, HANNAH, AU
[72] CORNISH, KIM, AU
[71] TALI HEALTH PTY LTD, AU
[71] MONASH UNIVERSITY, AU
[85] 2017-09-28
[86] 2015-03-31 (PCT/AU2015/050146)
[87] (WO2016/154658)

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[13] A1
[51] **Int.Cl. G01T 1/16 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DETECTING RADIOACTIVE SOURCES**
[54] **PROCEDE ET SYSTEME DE DETECTION DE SOURCE DE RAYONNEMENT**
[72] ZHAO, KUN, CN
[72] WANG, QIANG, CN
[72] ZHANG, YANGTIAN, CN
[72] PENG, HUA, CN
[72] LI, YUANJING, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2017-09-28
[86] 2016-06-17 (PCT/CN2016/086138)
[87] (WO2017/041563)
[30] CN (201510569821.1) 2015-09-09

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[51] **Int.Cl. A61K 38/22 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 37/00 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING PREGNANCY SPECIFIC GLYCOPROTEINS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DES GLYCOPROTEINES SPECIFIQUES DE GROSSESSE ET LEURS PROCEDES D'UTILISATION**
[72] DVEKSLER, GABRIELA, US
[72] MALECH, HARRY, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-09-27
[86] 2016-09-16 (PCT/US2016/052131)
[87] (WO2017/049082)
[30] US (62/219,900) 2015-09-17

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[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01) H04B 7/04 (2017.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, AND DEVICE AND METHOD IN WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL, ET DISPOSITIF ET PROCEDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] QIAN, CHEN, CN
[72] WANG, ZHAOCHENG, CN
[72] LIU, WENDONG, CN
[72] CHEN, JINHUI, CN
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-05-12 (PCT/CN2016/081848)
[87] (WO2016/184344)
[30] CN (201510250263.2) 2015-05-15

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[13] A1
[51] **Int.Cl. G01V 5/12 (2006.01)**
[25] EN
[54] **METHODS AND MEANS FOR CREATING THREE-DIMENSIONAL BOREHOLE IMAGE DATA**
[54] **PROCEDES ET MOYENS DE CREATION DE DONNEES D'IMAGE D'UN TROU DE FORAGE EN TROIS DIMENSIONS**
[72] SOFIIENKO, ANDRII, NO
[72] PONCE, DAVID, NO
[72] VOLL, ADNE, NO
[72] TEAGUE, PHILIP, US
[71] VISURAY INTECH LTD., VG
[71] TEAGUE, PHILIP, US
[85] 2017-09-28
[86] 2014-10-01 (PCT/IB2014/064991)
[87] (WO2015/150883)
[30] US (14/231,368) 2014-03-31

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/103 (2006.01) A61C 19/04 (2006.01) A61F 5/56 (2006.01) G01N 33/48 (2006.01) G01N 33/497 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN AUTOMATED TITRATION FOR ORAL APPLIANCE THERAPY**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN TITRAGE AUTOMATISE POUR UNE THERAPIE UTILISANT UN APPAREIL ORAL**
[72] REMMERS, JOHN, US
[72] ZAREIAN JAHROMI, SEYED ABDOLALI, CA
[72] GROSSE, JOSHUA, CA
[72] TOPOR, ZBIGNIEW LUDWIK, CA
[72] CATAFORD, PAUL, CA
[71] ZST HOLDINGS, INC., CA
[85] 2017-09-28
[86] 2016-03-31 (PCT/IB2016/051857)
[87] (WO2016/157129)
[30] US (62/140,637) 2015-03-31

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[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **HEAT-ABSORBENT AND RADIANT STEEL SHEET, AND HEAT-ABSORBENT AND RADIANT MEMBER**
[54] **TOLE D'ACIER A ABSORPTION ET RAYONNEMENT DE CHALEUR, ET ELEMENT A ABSORPTION ET RAYONNEMENT DE CHALEUR**
[72] UENO, SHIN, JP
[72] NAKANO, TADASHI, JP
[72] YAMAMOTO, MASAYA, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-09-28
[86] 2016-01-08 (PCT/JP2016/000072)
[87] (WO2016/157665)
[30] JP (2015-071372) 2015-03-31

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[13] A1
[51] **Int.Cl. H04W 68/12 (2009.01) H04W 88/04 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, WIRELESS COMMUNICATION DEVICE, WIRELESS COMMUNICATION METHOD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE COMMUNICATION SANS FIL, PROCEDE DE COMMUNICATION SANS FIL ET PROGRAMME D'ORDINATEUR**
[72] UCHIYAMA, HIROMASA, JP
[72] TAKANO, HIROAKI, JP
[72] YOSHIZAWA, ATSUSHI, JP
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-03-11 (PCT/JP2016/057818)
[87] (WO2016/163206)
[30] JP (2015-080357) 2015-04-09

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[25] EN
[54] **COIL SPRING**
[54] **RESSORT HELICOIDAL**
[72] MATSUBARA, MASARU, JP
[72] KAJIGAYA, SUGURU, JP
[71] NHK SPRING CO., LTD., JP
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[86] 2016-03-16 (PCT/JP2016/058270)
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[51] **Int.Cl. B66C 23/78 (2006.01)**
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[54] **MODULAR, ADAPTABLE AND FOLDABLE APPARATUS FOR A CLIMBING CRANE**
[54] **APPAREIL MODULAIRE, ADAPTABLE ET PLIABLE POUR UNE GRUE HISSABLE**
[72] CARMEL, AVIV, IL
[71] SKY-LINE CRANES & TECHNOLOGIES LTD., IL
[85] 2017-09-28
[86] 2016-03-30 (PCT/IL2016/050335)
[87] (WO2016/157181)
[30] IL (238098) 2015-04-01
[30] US (62/141,872) 2015-04-02

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[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01D 53/26 (2006.01) F24F 3/14 (2006.01) F25B 39/00 (2006.01) F25B 39/02 (2006.01)**
[25] EN
[54] **DEVICE FOR THE EXTRACTION OF WATER FROM THE ENVIRONMENT**
[54] **DISPOSITIF DESTINE A EXTRAIRE DE L'EAU DE L'ENVIRONNEMENT**
[72] VELASCO VALCKE, FRANCISCO JAVIER, CO
[71] PANACEA QUANTUM LEAP TECHNOLOGY LLC, US
[85] 2017-09-28
[86] 2016-03-30 (PCT/CO2016/000002)
[87] (WO2016/155678)
[30] CO (15-072388) 2015-03-30

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[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/236 (2011.01) H04N 21/435 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-03-22 (PCT/JP2016/058933)
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[30] JP (2015-092627) 2015-04-30

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[51] **Int.Cl. C12N 5/0797 (2010.01) A61K 35/30 (2015.01) A61L 27/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **CHELATED IRON-CONTAINING CULTURE MEDIUM FOR NEURAL STEM CELLS**
[54] **MILIEU DE CULTURE CONTENANT DU FER CHELATE POUR CELLULES SOUCHES NEURALES**
[72] MATSUMOTO, TAKUYA, JP
[72] SENDA, SHO, JP
[72] KOBAYASHI, TSUYOSHI, JP
[72] ARAKAWA, AKIHIRO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2017-09-28
[86] 2016-03-30 (PCT/JP2016/060552)
[87] (WO2016/159177)
[30] JP (2015-069978) 2015-03-30

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[54] **PATIENT INTERFACE**
[54] **INTERFACE PATIENT**
[72] JOHNSON, CHELSEA ERIN, NZ
[72] MILNE, ROBERT ANDREW DAVID, NZ
[72] RONAYNE, MICHAEL PAUL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-09-28
[86] 2016-03-30 (PCT/NZ2016/050050)
[87] (WO2016/159783)
[30] US (62/140,316) 2015-03-30
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[25] EN
[54] **FEEDSTUFFS FOR RUMINANTS**
[54] **ALIMENTS POUR RUMINANTS**
[72] IIMORI, TAKESHI, JP
[72] KUROSU, KAZUHIRO, JP
[72] MINOHARA, TAISUKE, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2017-09-28
[86] 2016-03-31 (PCT/JP2016/060695)
[87] (WO2016/159250)
[30] JP (2015-074032) 2015-03-31

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[13] A1
[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**
[54] **PAQUET COMPRENANT UNE PILE DE MATERIAU DE PAPIER SANITAIRE ABSORBANT ET EMBALLAGE**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050721)
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[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**
[54] **EMBALLAGE COMPRENANT UNE PILE DE MATERIAU DE PAPIER MINCE ABSORBANT ET UN EMBALLAGE**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
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[25] EN
[54] **SECURE AND PORTABLE APPARATUS FOR ACCEPTING PARCELS AND DELIVERIES**
[54] **APPAREIL PORTABLE ET SECURISE POUR ACCEPTER DES COLIS ET DES LIVRAISONS**
[72] SUNDARESAN, KUMAR, US
[71] SUNDARESAN, KUMAR, US
[85] 2017-09-28
[86] 2015-04-09 (PCT/US2015/025194)
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[13] A1
[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**
[54] **PROCEDE ET APPAREIL DE FORMATION D'UN PAQUET COMPRENANT UNE PILE DE MATERIAU DE PAPIER SANITAIRE ABSORBANT ET EMBALLAGE**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050723)
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[51] **Int.Cl. B22D 11/04 (2006.01) B22D 11/16 (2006.01) G01K 1/14 (2006.01) G01K 11/32 (2006.01)**
[25] EN
[54] **MOLD FOR CONTINUOUS CASTING**
[54] **MOULE POUR COULEE CONTINUE**
[72] HONDA, TATSURO, JP
[72] YOSHIHIRO, NOZOMU, JP
[72] FUKUNAGA, SHINICHI, JP
[72] OKAWA, TAKESHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-09-28
[86] 2016-04-08 (PCT/JP2016/061606)
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[51] **Int.Cl. G02B 1/116 (2015.01) G02C 7/02 (2006.01)**
[25] EN
[54] **SPECTACLE LENS, METHOD OF MANUFACTURING THE SAME, AND SPECTACLES**
[54] **VERRE DE LUNETTES ET SON PROCEDE DE FABRICATION, ET LUNETTES**
[72] NISHIMOTO, KEIJI, JP
[71] HOYA LENS THAILAND LTD., TH
[85] 2017-09-28
[86] 2016-03-31 (PCT/JP2016/060704)
[87] (WO2016/159252)
[30] JP (2015-073844) 2015-03-31

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[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RETIREMENT PLANNING**
[54] **SYSTEMES ET PROCEDES DE PLANIFICATION D'ENCAISSEMENT**
[72] WAKEMAN, LAWRENCE KENDRICK, US
[72] TASHMAN, ADAM, US
[72] YAN, FUQIN, US
[71] FINMASON, INC., US
[85] 2017-09-28
[86] 2016-03-21 (PCT/US2016/023377)
[87] (WO2016/164160)
[30] US (62/145,189) 2015-04-09

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[25] EN
[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION ET METHODE DE TRAITEMENT DES DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-03-22 (PCT/JP2016/058934)
[87] (WO2016/174960)
[30] JP (2015-092628) 2015-04-30

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FACILITATING STATELESS REPRESENTATION OF INTERACTION FLOW STATES**
[54] **PROCEDE ET APPAREIL POUR FACILITER UNE REPRESENTATION SANS ETAT D'ETATS DE FLUX D'INTERACTION**
[72] BODELL, MICHAEL, US
[72] OSHRY, MATTHEW, US
[72] DEVARAPALLI, RAVALI, US
[71] 24/7 CUSTOMER, INC., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/024995)
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[30] US (62/139,939) 2015-03-30
[30] US (15/083,240) 2016-03-28

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[13] A1
[51] **Int.Cl. C12N 5/0797 (2010.01)**
[25] EN
[54] **HUMAN SERUM ALBUMIN-CONTAINING CULTURE MEDIUM FOR GROWTH OF NEURAL STEM CELLS**
[54] **MILIEU DE CULTURE CONTENANT UNE SERUM-ALBUMINE HUMAINE POUR LA CROISSANCE DE CELLULES SOUCHES NEURALES**
[72] MATSUMOTO, TAKUYA, JP
[72] SENDA, SHO, JP
[72] KOBAYASHI, TSUYOSHI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2017-09-28
[86] 2016-03-30 (PCT/JP2016/060554)
[87] (WO2016/159179)
[30] JP (2015-069979) 2015-03-30

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[13] A1
[51] **Int.Cl. C11D 3/39 (2006.01) C11D 3/16 (2006.01) C11D 3/20 (2006.01)**
[25] EN
[54] **ENHANCED PEROXYGEN STABILITY USING ANIONIC SURFACTANT IN TAED-CONTAINING PEROXYGEN SOLID**
[54] **AMELIORATION DE LA STABILITE DU PEROXYGENE A L'AIDE D'UN SURFACTANT ANIONIQUE DANS DES COMPOSES PEROXYGENES SOLIDES CONTENANT DU TAED**
[72] DOTZAUER, DAVID, US
[72] MOHS, THOMAS R., US
[72] KUTZ, KRISTA, US
[72] HAMMEL, DEVON BEAU, US
[71] ECOLAB USA INC., US
[85] 2017-09-28
[86] 2016-04-01 (PCT/US2016/025501)
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[30] US (14/678,081) 2015-04-03

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[51] **Int.Cl. G06F 15/16 (2006.01) H04L 12/14 (2006.01) H04L 12/18 (2006.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01) H04L 12/58 (2006.01) H04L 12/64 (2006.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01) H04L 29/12 (2006.01) H04M 7/00 (2006.01) H04M 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFFLINE SURVIVABILITY**
[54] **SYSTEME ET PROCEDE POUR LA PERENNITE HORS LIGNE**
[72] NEIDERMYER, RICHARD M., US
[72] KING, KEVIN ELLIOTT, US
[72] WYSS, FELIX IMMANUEL, US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
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[13] A1
[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 31/10 (2006.01) C07H 17/08 (2006.01)**
[25] EN
[54] **AMPHOTERICIN B DERIVATIVE WITH REDUCED TOXICITY**
[54] **DERIVE D'AMPHOTERICINE B A TOXICITE REDUITE**
[72] BURKE, MARTIN D., US
[72] UNO, BRICE E., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2017-09-28
[86] 2015-05-15 (PCT/US2015/030965)
[87] (WO2015/175875)
[30] US (61/994,450) 2014-05-16
[30] US (62/045,907) 2014-09-04

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[13] A1
[51] **Int.Cl. E02B 7/08 (2006.01) E04B 1/92 (2006.01) E04H 9/14 (2006.01)**
[25] EN
[54] **EXTENDIBLE FLEXIBLE FLOOD BARRIER**
[54] **BARRIERE ANTI-INONDATION FLEXIBLE ET EXTENSIBLE**
[72] CADOGAN, DAVI PHILLIP, US
[72] HINKLE, JONATHAN MICHAEL, US
[72] ROUSHEY, LEWIS JEFFREY, US
[71] ILC DOVER LP, US
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[86] 2015-06-04 (PCT/US2015/034157)
[87] (WO2016/160044)
[30] US (14/675,286) 2015-03-31

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[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01) F16K 37/00 (2006.01) F17D 3/18 (2006.01) G01F 1/34 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **AUTONOMOUS IDENTIFICATION OF AN ANOMALOUS AQUEOUS STREAM FROM AN AQUEOUS SOURCE FEEDING MULTIPLE INDEPENDENT STREAMS AND REMEDIATION DIRECTIVE DETERMINATION THEREOF**
[54] **IDENTIFICATION AUTONOME D'UN COURANT AQUEUX ANORMAL PROVENANT D'UNE SOURCE AQUEUSE ALIMENTANT PLUSIEURS COURANTS INDEPENDANTS ET DETERMINATION DE DIRECTIVE DE REMEDIATION ASSOCIEE**
[72] LARACH, MARIO, US
[71] HYDROSMART TECHNOLOGIES, INC., US
[85] 2017-09-28
[86] 2016-04-01 (PCT/US2016/025754)
[87] (WO2016/161389)
[30] US (62/142,612) 2015-04-03

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/138 (2006.01) A61K 31/59 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATMENT OF BREAST DISORDERS AND ESTROGEN-RELATED DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES DU SEIN ET DE TROUBLES LIES AUX □STROGENES**
[72] QUAY, STEVEN C., US
[71] ATOSSA GENETICS INC., US
[85] 2017-09-28
[86] 2016-04-06 (PCT/US2016/026170)
[87] (WO2016/168021)
[30] US (62/147,536) 2015-04-14

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/0783 (2010.01) C12N 9/90 (2006.01)**
[25] EN
[54] **TNFRSF14/HVEM PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES DE TNFRSF14/HVEM ET LEURS PROCEDES D'UTILISATION**
[72] BOICE, MICHAEL HENRY, US
[72] WENDEL, HANS GUIDO, US
[72] SALLOUM, DARIN, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-09-28
[86] 2016-04-04 (PCT/US2016/025840)
[87] (WO2016/161415)
[30] US (62/142,450) 2015-04-02
[30] US (62/303,980) 2016-03-04

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[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/06 (2006.01) A61B 8/08 (2006.01) A61B 8/14 (2006.01) B06B 1/02 (2006.01) G01F 1/66 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CODED EXCITATION IMAGING BY IMPULSE RESPONSE ESTIMATION AND RETROSPECTIVE ACQUISITION**
[54] **PROCEDE ET SYSTEME D'IMAGERIE D'EXCITATION CODEE PAR L'ESTIMATION DE LA REPONSE DE L'IMPULSION ET L'ACQUISITION RETROSPECTIVE**
[72] FLYNN, JOHN A., US
[72] PFLUGRATH, LAUREN S., US
[71] VERASONICS, INC., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025050)
[87] (WO2016/161009)
[30] US (62/141,749) 2015-04-01

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[13] A1
[51] **Int.Cl. A23K 20/189 (2016.01) C12N 9/28 (2006.01) C12N 15/09 (2006.01) C12N 15/31 (2006.01) C12N 15/56 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **ANIMAL FEED COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'ALIMENT POUR ANIMAUX ET PROCEDES D'UTILISATION**
[72] WITHERSPOON, DAVID, US
[72] IRAGAVARAPU, TAMMIRAJ KUMAR, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-09-28
[86] 2016-04-08 (PCT/US2016/026656)
[87] (WO2016/164732)
[30] US (62/145,587) 2015-04-10

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) C07D 487/00 (2006.01) C07D 487/22 (2006.01)**
[25] EN
[54] **SERUM-STABLE COMPOSITIONS AND METHODS FOR LIGHT-TRIGGERED RELEASE OF MATERIALS**
[54] **COMPOSITIONS STABLES DANS LE SERUM ET PROCEDES DE LIBERATION DE MATIERES DECLENCHEE PAR LA LUMIERE**
[72] LOVELL, JONATHAN F., CA
[72] LUO, DANDAN, US
[72] CARTER, KEVIN, US
[72] SHAO, SHUAI, US
[72] GENG, JUMIN, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-28
[86] 2016-04-04 (PCT/US2016/025882)
[87] (WO2016/161428)
[30] US (62/142,105) 2015-04-02

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **HUMANIZED ANTI-C1S ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-C1S HUMANISES ET LEURS PROCEDES D'UTILISATION**
[72] PANICKER, SANDIP, US
[72] PARRY, GRAHAM, US
[71] TRUE NORTH THERAPEUTICS, INC., US
[85] 2017-09-28
[86] 2016-04-05 (PCT/US2016/026038)
[87] (WO2016/164358)
[30] US (62/143,636) 2015-04-06
[30] US (62/200,997) 2015-08-04

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[13] A1
[51] **Int.Cl. B05B 3/06 (2006.01) E21B 10/61 (2006.01)**
[25] EN
[54] **DRILL BIT WITH SELF-DIRECTING NOZZLE AND METHOD OF USING SAME**
[54] **TREPAN AYANT UNE BUSE A AUTO-ORIENTATION ET SON PROCEDE D'UTILISATION**
[72] GHAZIANI, NAVID OMIDVAR, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025084)
[87] (WO2016/161028)
[30] US (62/141,811) 2015-04-01

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[13] A1
[51] **Int.Cl. C22C 21/06 (2006.01) C22C 21/08 (2006.01) C22C 21/14 (2006.01) C22C 21/16 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01) C22F 1/05 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 6XXX HAUTE RESISTANCE ET LEURS PROCEDES DE FABRICATION**
[72] LEYVRAZ, DAVID, CH
[72] DESPOIS, AUDE, CH
[72] WEN, WEI, US
[72] AHMED, HANY, US
[72] KAMAT, RAJEEV G., US
[72] BASSI, CORRADO, CH
[72] FLOREY, GUILLAUME, CH
[72] BEZENCON, CYRILLE, CH
[72] TIMM, JUERGEN, DE
[71] NOVELIS INC., US
[85] 2017-09-28
[86] 2016-12-16 (PCT/US2016/067194)
[87] (WO2017/106654)
[30] US (62/269,385) 2015-12-18

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[13] A1
[51] **Int.Cl. A61B 17/132 (2006.01) A44B 11/18 (2006.01)**
[25] EN
[54] **TOURNIQUET**
[54] **TOURNIQUET**
[72] GOOLSBY, CRAIG, US
[72] CHEN, ELIZABETH P., US
[72] WEISSBROD, ELIZABETH N., US
[72] BRANTING, ANDREW J., US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2017-09-28
[86] 2016-04-22 (PCT/US2016/029004)
[87] (WO2016/172599)
[30] US (62/152,174) 2015-04-24

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[13] A1
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO DOWNHOLE SURVEYING AND CORE SAMPLE ORIENTATION SYSTEMS, DEVICES AND METHODS**
[54] **AMELIORATIONS DE PROSPECTION DE FOND DE TROU ET SYSTEMES, DISPOSITIFS ET PROCEDES D'ORIENTATION DE CAROTTE**
[72] HEJLEH, KHALED MUFID YOUSEF, AU
[71] GLOBALTECH CORPORATION PTY LTD, AU
[85] 2017-09-29
[86] 2016-03-31 (PCT/AU2016/050241)
[87] (WO2016/154677)
[30] AU (2015901176) 2015-03-31

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[51] **Int.Cl. A61K 38/16 (2006.01) C12N 15/11 (2006.01)**
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[54] **PROTOXIN-II VARIANTS AND METHODS OF USE**
[54] **VARIANTS DE PROTOXINE II ET LEURS METHODES D'UTILISATION**
[72] FLINSPACH, MACK, US
[72] WICKENDEN, ALAN, US
[72] FELLOWS, ROSS, US
[72] XU, QINGHAO, US
[72] PIEKARZ, ANDREW, US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025247)
[87] (WO2016/161100)
[30] US (62/142,069) 2015-04-02

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G06F 19/00 (2011.01) G09B 9/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CUSTOMIZING A RECORDED REAL TIME SIMULATION BASED ON SIMULATION METADATA**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PERSONNALISER UNE SIMULATION EN TEMPS REEL ENREGISTREE, SUR LA BASE DE METADONNEES DE SIMULATION**
[72] JACQUES, FRANCIS, CA
[72] MOUTON, SEBASTIEN, CA
[72] KHAN, MOHAMMED, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2015-04-02 (PCT/CA2015/000221)
[87] (WO2016/154721)
[30] US (14/672,588) 2015-03-30

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[13] A1
[51] **Int.Cl. A61L 2/07 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **STERILIZING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STERILISATION**
[72] TURBETT, ROBERT E., US
[71] TURBETT SURGICAL LLC, US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025262)
[87] (WO2016/161112)
[30] US (14/675,048) 2015-03-31

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[13] A1
[51] **Int.Cl. G03F 7/20 (2006.01) G02B 5/18 (2006.01) G02B 6/34 (2006.01)**
[25] EN
[54] **WRITING OF HIGH MECHANICAL STRENGTH FIBER BRAGG GRATINGS USING ULTRAFAST PULSES AND A PHASE MASK**
[54] **ECRITURE DE RESEAUX DE BRAGG SUR FIBRE A GRANDE RESISTANCE MECANIQUE A L'AIDE D'IMPULSIONS ULTRA-RAPIDES ET D'UN MASQUE DE PHASE**
[72] BERNIER, MARTIN, CA
[72] VALLEE, REAL, CA
[72] TREPANIER, FRANCOIS, CA
[72] CARRIER, JULIEN, CA
[71] UNIVERSITE LAVAL, CA
[85] 2017-09-29
[86] 2015-04-02 (PCT/CA2015/050271)
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[30] US (61/974,673) 2014-04-03

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[54] **BIOMARKERS FOR DETECTION OF OVARIAN CANCER**
[54] **BIOMARQUEURS POUR LA DETECTION DU CANCER DE L'OVAIRE**
[72] HENDERSON, MEREDITH C., US
[72] MULPURI, RAO, US
[72] REESE, DAVID E., US
[71] PROVISTA DIAGNOSTICS, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025287)
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[30] US (62/142,316) 2015-04-02

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[51] **Int.Cl. G02B 21/36 (2006.01) G02B 21/26 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION PATHOLOGY SCANNER WITH IMPROVED SIGNAL TO NOISE RATIO**
[54] **SCANNER DE PATHOLOGIE A HAUTE RESOLUTION A RAPPORT SIGNAL SUR BRUIT AMELIORE**
[72] DIXON, ARTHUR E., CA
[71] HURON TECHNOLOGIES INTERNATIONAL INC., CA
[85] 2017-09-29
[86] 2016-04-04 (PCT/CA2016/000100)
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[30] US (62/142,335) 2015-04-02

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[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/145 (2006.01) A61B 5/16 (2006.01) A61B 6/00 (2006.01) G06E 1/00 (2006.01) G06F 15/18 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **COVARIATE MODULATE ATLAS**
[54] **ATLAS DE MODULATION DE LA COVARIANCE**
[72] MAGDA, SEBASTIAN, US
[72] AIRRIESS, CHRISTOPHER N., US
[72] WHITE, NATHAN S., US
[71] CORTECHS LABS, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025406)
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[30] US (62/140,903) 2015-03-31

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[51] **Int.Cl. G09B 23/28 (2006.01) A61B 34/10 (2016.01) G09B 9/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI**
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050357)
[87] (WO2016/154743)
[30] US (14/673,044) 2015-03-30

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[13] A1
[51] **Int.Cl. G09B 23/28 (2006.01) A61B 34/10 (2016.01) G09B 9/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI POUR L'INSERTION D'UN DISPOSITIF MEDICAL DANS UN SIMULATEUR DE CAVITE CORPORELLE**
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050359)
[87] (WO2016/154745)
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[13] A1
[51] **Int.Cl. G01J 3/36 (2006.01) G02B 13/22 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL WIDE FIELD IMAGING SYSTEM AND OPTICAL SYSTEM FOR USE THEREIN**
[54] **SYSTEME D'IMAGERIE GRAND CHAMP A CANAUX MULTIPLES ET SYSTEME OPTIQUE DESTINE A ETRE UTILISE A L'INTERIEUR DE CE DERNIER**
[72] MOORE, FREDERICK ALLEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050365)
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[51] **Int.Cl. G01F 22/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATIC DETERMINATION OF LIQUID VOLUME**
[54] **SYSTEME PERMETTANT UNE DETERMINATION AUTOMATIQUE D'UN VOLUME DE LIQUIDE**
[72] SIMON, STEVE N. G., CA
[71] SIMON, STEVE N. G., CA
[85] 2017-09-29
[86] 2016-03-31 (PCT/CA2016/050376)
[87] (WO2016/154758)
[30] US (62/141,658) 2015-04-01

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF WAVEFORM DESIGN FOR OPERATION BANDWIDTH EXTENSION**
[54] **SYSTEME ET PROCEDE DE CONCEPTION DE FORME D'ONDE POUR EXTENSION DE LARGEUR DE BANDE DE FONCTIONNEMENT**
[72] MA, JIANGLEI, CA
[72] JIA, MING, CA
[72] ZHANG, LIQING, CA
[72] AU, KELVIN KAR KIN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-29
[86] 2016-03-21 (PCT/CN2016/076895)
[87] (WO2016/155530)
[30] US (62/141,051) 2015-03-31
[30] US (14/932,857) 2015-11-04

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[25] EN
[54] **NANOSTRUCTURES COMPRISING COBALT PORPHYRIN-PHOSPHOLIPID CONJUGATES AND POLYHISTIDINE-TAGS**
[54] **NANOSTRUCTURES COMPRENANT DES CONJUGUES PORPHYRINE DE COBALT-PHOSPHOLIPIDE ET DES ETIQUETTES POLYHISTIDINE**
[72] LOVELL, JONATHAN, CA
[72] SHAO, SHUAI, US
[72] GENG, JUMIN, US
[72] HUANG, WEI-CHIAO, US
[72] LEE, SHWU-MAAN, US
[72] KING, CHARLES RICHTER, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-28
[86] 2016-04-18 (PCT/US2016/028102)
[87] (WO2016/168817)
[30] US (62/148,292) 2015-04-16

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[51] **Int.Cl. A23J 3/14 (2006.01) A23J 3/34 (2006.01)**
[25] EN
[54] **LEGUME-BASED DAIRY SUBSTITUTE AND CONSUMABLE FOOD PRODUCTS INCORPORATING SAME**
[54] **SUBSTITUT DE PRODUIT LAITIER A BASE DE LEGUMINEUSES ET PRODUITS ALIMENTAIRES CONSOMMABLES INCORPORANT CE SUBSTITUT**
[72] GUGGER, ERIC T., US
[72] GALUSKA, PETER, US
[72] TREMAINE, ANDREA, US
[71] GENERAL MILLS, INC., US
[85] 2017-09-28
[86] 2016-04-22 (PCT/US2016/028970)
[87] (WO2016/172570)
[30] US (62/152,305) 2015-04-24
[30] US (62/248,930) 2015-10-30

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[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/30 (2006.01) B05B 1/32 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **SPRAY HEAD AND SPRAYING APPARATUS**
[54] **TETE DE PULVERISATION ET APPAREIL DE PULVERISATION**
[72] RENNER, THOMAS, DE
[71] HUSQVARNA AB, SE
[85] 2017-09-29
[86] 2015-04-09 (PCT/EP2015/057713)
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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/44 (2006.01) C07D 498/02 (2006.01)**
[25] EN
[54] **ANTI-ALPHAVBETA1 INTEGRIN INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS ANTI-INTEGRINE ALPHAVBETA1 ET METHODES D'UTILISATION ASSOCIEES**
[72] DEGRADO, WILLIAM F., US
[72] SHEPPARD, DEAN, US
[72] JO, HYUNIL, US
[72] REED, NILGUN ISIK, US
[72] TANG, YOUZHI, CN
[72] MCINTOSH, JOEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-09-28
[86] 2016-03-10 (PCT/US2016/021879)
[87] (WO2016/145258)
[30] US (62/131,166) 2015-03-10
[30] US (62/131,735) 2015-03-11

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[13] A1
[51] **Int.Cl. H04W 16/28 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING CHANNEL**
[54] **SYSTEME ET PROCEDE DE POURSUITE DE CANAL**
[72] BALIGH, MOHAMMADHADI, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-29
[86] 2016-03-31 (PCT/CN2016/078103)
[87] (WO2016/155649)
[30] US (62/141,483) 2015-04-01
[30] US (62/213,444) 2015-09-02
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[51] **Int.Cl. G01R 31/34 (2006.01) G01R 15/18 (2006.01) G01R 31/06 (2006.01) G01R 31/12 (2006.01) G01R 31/42 (2006.01)**
[25] EN
[54] **CONDITION MONITORING METHOD AND APPARATUS FOR HIGH-VOLTAGE AC ELECTRICAL SYSTEMS**
[54] **PROCEDE ET APPAREIL DE CONTROLE D'ETAT POUR SYSTEMES ELECTRIQUES A CA HAUTE-TENSION**
[72] GIUSSANI, RICCARDO, GB
[72] JOURES, STEVE, GB
[72] POLLEY, ALEX, GB
[72] RENFORTH, LEE, GB
[72] SELTZER-GRANT, MALCOLM, GB
[71] HIGH VOLTAGE PARTIAL DISCHARGE LIMITED, GB
[85] 2017-09-29
[86] 2016-04-01 (PCT/GB2016/050942)
[87] (WO2016/156876)
[30] GB (1505682.3) 2015-04-01
[30] GB (1521555.1) 2015-12-07

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[51] **Int.Cl. A47B 25/00 (2006.01)**
[25] EN
[54] **GAMING TABLE SURFACE**
[54] **SURFACE DE TABLE DE JEU**
[72] GADDIES, LEE, US
[72] HOWES, SUSAN, US
[71] HERO BY DESIGN LLC, US
[85] 2017-09-29
[86] 2016-05-18 (PCT/IB2016/052917)
[87] (WO2016/157163)
[30] US (62/142,536) 2015-04-03

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[13] A1
[51] **Int.Cl. B21D 3/05 (2006.01) B23K 26/21 (2014.01) B23K 31/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MANUFACTURING WELDED SHAPED STEEL**
[54] **APPAREIL DE FABRICATION D'ACIER A SECTIONS SOUDEES ET PROCEDE DE FABRICATION D'ACIER A SECTIONS SOUDEES**
[72] ASADA, HIROSHI, JP
[72] SAKURADA, YASUHIRO, JP
[72] IENARI, TOORU, JP
[71] NISSHIN STEEL CO.,LTD., JP
[85] 2017-09-29
[86] 2016-03-28 (PCT/JP2016/059964)
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[30] JP (2015-071855) 2015-03-31

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[51] **Int.Cl. C07D 235/26 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 25/02 (2006.01) A61P 27/02 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 235/28 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 471/04 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **9-MEMBERED FUSED RING DERIVATIVE**
[54] **DERIVE A CYCLE CONDENSE A 9 CHAINONS**
[72] OHYABU, NAOKI, JP
[72] KURAHASHI, KANA, JP
[72] NISHIURA, YUJI, JP
[72] KATOU, MANABU, JP
[72] MIYAZAKI, KEISUKE, JP
[72] SASAKI, YOSHIKAZU, JP
[72] WADA, TOSHIHIRO, JP
[72] IWATSU, MASAFUMI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060395)
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[30] JP (2015-068500) 2015-03-30

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[13] A1
[51] **Int.Cl. A61F 2/04 (2013.01) A61N 1/40 (2006.01)**
[25] EN
[54] **COIL DEVICE FOR USE IN TRANSCRANIAL MAGNETIC STIMULATION DEVICE**
[54] **DISPOSITIF DE BOBINE DESTINE A ETRE UTILISE DANS UN DISPOSITIF DE STIMULATION MAGNETIQUE TRANSCRANIENNE**
[72] SAITOH, YOUICHI, JP
[72] SEKINO, MASAKI, JP
[72] YAMAMOTO, KEITA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060492)
[87] (WO2016/159139)
[30] US (62/142380) 2015-04-02
[30] US (62/154295) 2015-04-29

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/00 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C07K 14/47 (2006.01) C07K 14/74 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **IMMUNIZING PEPTIDE, METHOD FOR PRODUCING IMMUNIZING PEPTIDE, PHARMACEUTICAL COMPOSITION FOR IMMUNE DISORDERS CONTAINING SAME, AND METHOD FOR TREATING IMMUNE DISORDERS**
[54] **PEPTIDE IMMUNISANT, PROCEDE DE FABRICATION DU PEPTIDE IMMUNISANT, COMPOSITION PHARMACEUTIQUE CONTENANT CELUI-CI ET CIBLANT LES TROUBLES DE L'IMMUNITE, ET METHODE DE TRAITEMENT DE TROUBLES DE L'IMMUNITE**
[72] ARASE, HISASHI, JP
[72] KISHIDA, KAZUKI, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060556)
[87] (WO2016/159181)
[30] JP (2015-068043) 2015-03-30

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[51] **Int.Cl. A61N 2/02 (2006.01) A61N 1/40 (2006.01) A61N 2/04 (2006.01)**
[25] EN
[54] **COIL DEVICE FOR USE IN TRANSCRANIAL MAGNETIC STIMULATION DEVICE**
[54] **DISPOSITIF DE BOBINE DESTINE A UTILISE DANS UN DISPOSITIF DE STIMULATION MAGNETIQUE TRANSCRANIENNE**
[72] SAITOH, YOUICHI, JP
[72] SEKINO, MASAKI, JP
[72] MIYAWAKI, YU, JP
[72] YAMAMOTO, KEITA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-04-01 (PCT/JP2016/060965)
[87] (WO2016/159371)
[30] US (62/142610) 2015-04-03
[30] US (62/166860) 2015-05-27
[30] US (62/259768) 2015-11-25

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GUIDED PORT INSERTION TO MINIMIZE TRAUMA**
[54] **SYSTEME ET PROCEDE D'INTRODUCTION DE CATHETER A CHAMBRE IMPLANTABLE GUIDEE POUR REDUIRE AU MINIMUM LES TRAUMATISMES**
[72] PIRON, CAMERON ANTHONY, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] RICHMOND, JOSHUA, CA
[72] MCFADYEN, STEPHEN, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-09-29
[86] 2015-03-12 (PCT/IB2015/051783)
[87] (WO2016/142749)

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[13] A1
[51] **Int.Cl. A23L 33/115 (2016.01) A23L 33/10 (2016.01) A61K 31/20 (2006.01) A61K 36/02 (2006.01) A61K 36/03 (2006.01) A61P 21/00 (2006.01) C11B 1/10 (2006.01) C12N 1/12 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **MACROALGAE COMPOSITIONS, PROCESSES FOR PREPARATION THEREOF, AND USES IN SPORTS NUTRITION**
[54] **COMPOSITIONS DE MACROALGUES, DES PROCEDES POUR LES PREPARER ET UTILISATIONS EN NUTRITION POUR SPORTIFS**
[72] DESHPANDE, JAYANT, CA
[72] GHANAM, KHADIJA, CA
[72] SRIVASTAVA, VANDITA, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED, CA
[85] 2017-09-29
[86] 2016-03-31 (PCT/IB2016/051858)
[87] (WO2016/157130)
[30] IN (1313/MUM/2015) 2015-03-31

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[51] **Int.Cl. A61K 36/02 (2006.01) A61K 31/20 (2006.01) A61P 15/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR IMPROVEMENT IN SEXUAL HEALTH AND THE COMPOSITIONS USED THEREIN**
[54] **METHODES POUR AMELIORER LA SANTE SEXUELLE ET COMPOSITIONS UTILISEES DANS CELLES-CI**
[72] DESHPANDE, JAYANT, CA
[72] GHANAM, KHADIJA, CA
[72] SRIVASTAVA, VANDITA, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED, CA
[85] 2017-09-29
[86] 2016-03-31 (PCT/IB2016/051859)
[87] (WO2016/157131)
[30] IN (1313/MUM/2015) 2015-03-31

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[51] **Int.Cl. G07C 5/08 (2006.01) B60R 16/023 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **VEHICLE EVENT RECORDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT D'EVENEMENT DE VEHICULE**
[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] DENINGER, DANIEL A., US
[72] VAIDYA, ALEKH, US
[72] GRISWOLD, JEFFREY, US
[72] FREITAS, MARK, US
[71] SMARTDRIVE SYSTEMS, INC., US
[85] 2017-09-29
[86] 2016-04-01 (PCT/IB2016/051863)
[87] (WO2016/157134)
[30] US (14/676,622) 2015-04-01

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[13] A1
[51] **Int.Cl. E21B 33/00 (2006.01) E21B 33/06 (2006.01) E21B 47/00 (2012.01) E21B 47/06 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **HYDROSTATIC AND VIBRATION TEST SYSTEM FOR A BLOWOUT PREVENTIVE**
[54] **SYSTEME HYDROSTATIQUE DE MISE A L'ESSAI DES VIBRATIONS DESTINE A LA PREVENTION DES ERUPTIONS**
[72] HILPERT, CLIFFORD L., US
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[54] **CAPSULE DE BOUTEILLE COMPORTANT UN ENSEMBLE DECAPSULEUR**
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[71] WORLD BOTTLING CAP, LLC, US
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[54] **VIDEO DATABASES AND METHODS FOR DETECTION OR DIAGNOSIS OF NEURODEVELOPMENT DISORDERS**
[54] **BASES DE DONNEES VIDEO ET PROCEDES DE DETECTION OU DE DIAGNOSTIC DE TROUBLE DU NEURODEVELOPPEMENT**
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[54] **AUTOMATED IMMUNOANALYZER SYSTEM FOR PERFORMING DIAGNOSTIC ASSAYS FOR AUTOIMMUNE AND INFECTIOUS DISEASES**
[54] **SYSTEME D'IMMUNO-ANALYSEUR AUTOMATISE POUR EFFECTUER DES DOSAGES DIAGNOSTIQUES DESTINES A DIAGNOSTIQUER DES MALADIES AUTO-IMMUNES ET INFECTIEUSES**
[72] VAN CLEVE, MARK DAVID, US
[72] TAINE, ELAINE GRACE, US
[72] CANFIELD, DOUGLAS JOHN, US
[72] TUVI ORTEGA, STEPHANIE, US
[72] REID, TAYLOR ADDISON, US
[71] HYCOR BIOMEDICAL LLC, US
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[54] **POWER BOILER HAVING VERTICALLY MOUNTED CYLINDRICAL COMBUSTION CHAMBER**
[54] **CHAUDIERE DE PRODUCTION D'ENERGIE COMPORTANT UNE CHAMBRE DE COMBUSTION CYLINDRIQUE MONTEE VERTICALEMENT**
[72] SULLIVAN, EUGENE, US
[72] HIGGINS, DANIEL R., US
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[54] **PROCEDES ET SYSTEMES POUR LA DETECTION D'ANOMALIES SOUS-TISSULAIRES**
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[72] KAVURI, VENKAIAH C., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **NEEDLE TIP SHIELDING DEVICE AND CATHETER HUB THEREFORE**
[54] **DISPOSITIF DE PROTECTION DE POINTE D'AIGUILLE ET EMBASE DU CATHETER POUR CELUI-CI**
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[54] **COMPOSITIONS POUR LA PREVENTION/LE TRAITEMENT PROPHYLACTIQUE DE LA DERMATITE PROVOQUEE PAR LE SUMAC VENENEUX**
[72] ELSOHLY, MAHMOUD, US
[72] GUL, WASEEM, US
[72] ASHFAQ, MOHAMMAD KHALID, US
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[54] **DERIVES D'ALPHA-AMINO PATEAMINE A ET PROCEDES PERMETTANT DE TRAITER LA LEUCEMIE LYMPHOIDE CHRONIQUE**
[72] ROMO, DANIEL, US
[72] HULL, KEN, US
[72] ZHU, MINGZHAO, US
[72] ROBLES, OMAR, US
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[54] **SYSTEMS AND METHODS FOR IMPROVED TISSUE-SENSING BASED ELECTROPORATION**
[54] **SYSTEMES ET PROCEDES POUR ELECTROPORATION BASEE SUR LA DETECTION DE TISSU**
[72] BAHRAMI, ARYA, US
[72] DENISON, ANDY E., US
[72] HAYDEN, CHRISTOPHER S., US
[72] CONNOLLY, RICHARD J., US
[72] PIERCE, ROBERT H., US
[72] BROWN, DOUGLAS W., US
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[54] **PROCEDE PERMETTANT DE TRANSFERER UNE IMAGE DE MANIERE SELECTIVE ET ENSEMBLE DE TRANSFERT DE CHALEUR**
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[72] STEWART, JOSHUA, US
[72] BAGLEY, JUSTIN, US
[72] KAPOSI, SASCHA, US
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[54] **TRAITEMENTS A LA KERATINE**
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[72] KAISER, MARK, US
[72] CONGER, CHAD, US
[72] SCHEIBERT, SEBASTIAN EMERY, US
[71] REVLON CONSUMER PRODUCTS CORPORATION, US
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[54] **STRUCTURE AND METHOD OF SEALING A CLOSURE ASSEMBLY ONTO THE NECK FINISH OF A PLASTIC PRESSURE CONTAINER**
[54] **STRUCTURE ET PROCEDE D'ETANCHEIFICATION D'UN ENSEMBLE FERMETURE SUR LA FINITION DE COL D'UN RECIPIENT EN PLASTIQUE SOUS PRESSION**
[72] PATEL, TAPAN Y., US
[72] DENNER, JOHN E., US
[72] BYSICK, SCOTT E., US
[72] HOWELL, JUSTIN A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **CONVERTISSEUR PARAMETRIQUE JOSEPHSON SANS FIL**
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[72] HATRIDGE, MICHAEL, US
[72] NARLA, ANIRUDH, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
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[54] **METHOD FOR MULTIPLEXED SAMPLE ANALYSIS BY PHOTOIONIZING SECONDARY SPUTTERED NEUTRALS**
[54] **PROCEDE POUR L'ANALYSE D'ECHANTILLONS MULTIPLEXES PAR PHOTO-IONISATION D'ESPECES NEUTRES PULVERISEES SECONDAIRES**
[72] ANGELO, ROBERT M., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **METHODS OF ADMINISTERING GLUTAMINASE INHIBITORS**
[54] **PROCEDES D'ADMINISTRATION D'INHIBITEURS DE GLUTAMINASE**
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[72] BENNETT, MARK K., US
[72] MOLINEAUX, CHRISTOPHER, US
[71] CALITHERA BIOSCIENCES, INC., US
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[54] **PRODUCTION DE GLUCANASE ET SES PROCEDES D'UTILISATION**
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[72] BOUGRI, OLEG, US
[72] LI, XUEMEI, US
[71] AGRIVIDA, INC., US
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[54] **PROCEDES DE PEGYLATION D'AMINE POUR LA PREPARATION DE CONJUGUES DE PROTEINE SPECIFIQUES D'UN SITE**
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[72] MANTRIPRAGADA, SANKARAM B., US
[71] ANTRIABIO, INC., US
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[54] **BILE ACID DERIVATIVES AS FXR/TGR5 AGONISTS AND METHODS OF USE THEREOF**
[54] **DERIVES D'ACIDE BILIAIRE UTILISES COMME AGONISTES DE FXR/TGR5 ET LEURS PROCEDES D'UTILISATION**
[72] WANG, GUOQIANG, US
[72] OR, YAT SUN, US
[72] SHEN, RUICHAO, US
[72] XING, XUECHAO, US
[72] LONG, JIANG, US
[72] DAI, PENG, US
[72] GRANGER, BRETT, US
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[54] **COMPLEXES A INTERVERROUILLAGE MECANIQUE**
[72] WILLIAMS, JOHN, US
[72] BZYMEK, KRZYSZTOF P., US
[72] HORNE, DAVID, US
[72] XIE, JUN, US
[71] CITY OF HOPE, US
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[54] **DISPOSITIF D'ISOLATION DE CELLULES RARES ET SON PROCEDE D'UTILISATION**
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[72] ALLEN, ALEXANDER G., US
[72] ALLEN, AUSTIN E., US
[71] TUMORGEN MDX LLC, US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR COMBINATION THERAPY**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR THERAPIE COMBINEE**
[72] PRUZANSKI, MARK, US
[72] ADORINI, LUCIANO, IT
[71] INTERCEPT PHARMACEUTICALS, INC., US
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[54] **COMPOSITIONS COMPRENANT DES TALEN ET METHODES DE TRAITEMENT DU VIH**
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[72] STRONG, CHRISTY L., US
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[54] **REAGENTS AND METHODS FOR ESTERIFICATION**
[54] **REACTIFS ET PROCEDES D'ESTERIFICATION**
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[72] MIX, KALIE, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT DE TRANSACTIONS DE CHAINE DE BLOCS**
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[72] PANISCOTTI, DOMINICK, US
[71] NASDAQ, INC., US
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[54] **ENSEMBLE BUSE DE PULVERISATION AVEC COMMANDE DE DEBIT DE LIQUIDE SENSIBLE A LA PRESSION EXPANSEE**
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[72] KAVANAGH, KARI, US
[71] SPRAYING SYSTEMS CO., US
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[54] **CABLE A MICRO-GAINES A ULTRA-HAUTE DENSITE DE FIBRES PRESENTANT DES PERFORMANCES DE FONCTIONNEMENT EXTREMES**
[72] QUINN, JUSTIN, US
[71] AFL TELECOMMUNICATIONS LLC, US
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[54] **METHODES ET COMPOSITIONS ASSOCIEES A DES POLYPEPTIDES AGONISTES DE GPCR**
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[72] STURCHLER, EMMANUEL, US
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[54] **METHODS OF STRATIFYING PATIENTS FOR TREATMENT WITH RETINOIC ACID RECEPTOR-.ALPHA. AGONISTS**
[54] **PROCEDES DE STRATIFICATION DE PATIENTS POUR UN TRAITEMENT AU MOYEN D'AGONISTES DU RECEPTEUR ? DE L'ACIDE RETINOIQUE**
[72] CHEN, MEI WEI, US
[72] COLLINS, CINDY, US
[72] EATON, MATTHEW LUCAS, US
[72] GUENTHER, MATTHEW G., US
[72] KE, NAN, US
[72] LOPEZ, JEREMY, US
[72] MCKEOWN, MICHAEL R., US
[72] ORLANDO, DAVID A., US
[71] SYROS PHARMACEUTICALS, INC., US
[85] 2017-09-29
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[54] **ANTICORPS DIRIGES CONTRE L'IMMUNOGLOBULINE DE CELLULE T ET PROTEINE 3 DE MUCINE (TIM-3)**
[72] KEHRY, MARILYN, US
[72] KING, DAVID J., US
[72] DA SILVA CORREIA, JEAN, US
[71] ANAPTYSBIO, INC., US
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[54] **DISTRIBUTED DATA SET STORAGE AND RETRIEVAL**
[54] **STOCKAGE ET RECUPERATION D'ENSEMBLE DE DONNEES DISTRIBUE**
[72] BOWMAN, BRIAN PAYTON, US
[72] KRUEGER, STEVEN E., US
[72] KNIGHT, RICHARD TODD, US
[72] HO, CHIH-WEI, US
[71] SAS INSTITUTE INC., US
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[86] 2016-07-27 (PCT/US2016/044309)
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[30] US (62/197,514) 2015-07-27
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR STIMULATION OF CELL PROLIFERATION AND PROVISION OF BIOLOGICALLY ACTIVE MIXTURES OF FGF2 ISOFORMS**
[54] **PROCEDES ET COMPOSITIONS POUR LA STIMULATION DE LA PROLIFERATION CELLULAIRE ET LA FOURNITURE DE MELANGES BIOLOGIQUEMENT ACTIFS D'ISOFORMES DE FGF2**
[72] AIZMAN, IRINA, US
[72] BATES, DAMIEN, US
[71] SANBIO, INC., US
[85] 2017-09-29
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[25] EN
[54] **SEATING ARRANGEMENT**
[54] **AGENCEMENT DE SIEGE**
[72] LUDWIG, JAMES NOLAN, US
[72] DEEVERS, NICKOLAUS WILLIAM CHARLES, US
[72] HEIDMANN, KURT, US
[72] SMITH, BRUCE MICHAEL, US
[72] SPOELHOF, MARK WILLIAM, US
[71] STEELCASE INC., US
[85] 2017-09-29
[86] 2016-04-12 (PCT/US2016/027115)
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[30] US (62/146,666) 2015-04-13
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[25] EN
[54] **SUBSTITUTED QUINAZOLINE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES QUINAZOLINE SUBSTITUES ET LEURS PROCEDES D'UTILISATION**
[72] LI, LIANSHENG, US
[72] FENG, JUN, US
[72] LONG, YUN OLIVER, US
[72] LIU, YUAN, US
[72] WU, TAO, US
[72] REN, PINGDA, US
[72] LIU, YI, US
[71] ARAXES PHARMA LLC, US
[85] 2017-09-29
[86] 2016-04-08 (PCT/US2016/026573)
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[25] EN
[54] **METHOD FOR PREDICTING RISK OF COGNITIVE DETERIORATION**
[54] **PROCEDE POUR LA PREDICTION DU RISQUE DE DETERIORATION COGNITIVE**
[72] AYTON, SCOTT, AU
[72] FAUX, NOEL, AU
[72] BUSH, ASHLEY IAN, AU
[71] CRC FOR MENTAL HEALTH LTD, AU
[85] 2017-10-02
[86] 2016-04-01 (PCT/AU2016/050248)
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[25] EN
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[54] **AUTHENTIFICATION MULTI-BIOMETRIQUE**
[72] LIU, DANGHUI, AU
[72] SARVER, EDWIN JAY, AU
[71] WAVEFRONT BIOMETRIC TECHNOLOGIES PTY LIMITED, AU
[85] 2017-10-02
[86] 2016-04-08 (PCT/AU2016/050258)
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[54] **RANDOMIZED BEACON TRANSMISSIONS**
[54] **TRANSMISSIONS ALEATOIRES DE BALISE**
[72] BARRETT, STEPHEN JOHN, GB
[72] LEPP, JAMES RANDOLPH WINTER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-10-02
[86] 2016-03-29 (PCT/CA2016/050356)
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[25] EN
[54] **RECYCLING APPLIANCE**
[54] **APPAREIL DE RECYCLAGE**
[72] ARSOVIC, MILORAD, CA
[71] ARSOVIC, MILORAD, CA
[85] 2017-10-02
[86] 2016-04-01 (PCT/CA2016/050382)
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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 47/18 (2017.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ISOLATION, DETECTION, DIAGNOSIS AND/OR CHARACTERIZATION OF CIRCULATING TROP-2-POSITIVE CANCER CELLS**
[54] **ISOLEMENT, DETECTION, DIAGNOSTIC ET/OU CARACTERISATION DE CELLULES CANCEREUSES TROP-2 POSITIVES**
[72] GOLDENBERG, DAVID M., US
[72] HANSEN, HANS J., US
[72] CHANG, CHIEN-HSING, US
[71] IMMUNOMEDICS, INC., US
[85] 2017-08-01
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[25] EN
[54] **BEER COMPOSITION AND METHOD OF MAKING SAME**
[54] **COMPOSITION DE BIERE ET SON PROCEDE DE FABRICATION**
[72] MCCALLUM, ED, CA
[72] WILLIAMS, CHRIS, CA
[72] DUVAL, STEPHANE, CA
[71] SLEEMAN BREWERIES LTD., CA
[85] 2017-10-02
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[51] **Int.Cl. F16L 9/18 (2006.01) B23K 31/02 (2006.01)**
[25] EN
[54] **METHOD FOR WELDING OF INSULATED PIPE**
[54] **PROCEDE DE SOUDAGE DE TUYAU ISOLE**
[72] PEGORETTI, MARCOS, BR
[71] MRP PARTICIPACOES EIRELI, BR
[85] 2017-10-02
[86] 2015-04-09 (PCT/BR2015/050039)
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[51] **Int.Cl. G06F 3/0484 (2013.01) A63F 13/25 (2014.01)**
[25] EN
[54] **INFORMATION PROCESSING METHOD, TERMINAL, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, TERMINAL ET SUPPORT D'INFORMATIONS POUR ORDINATEUR**
[72] WANG, HAOSU, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-10-02
[86] 2016-05-24 (PCT/CN2016/083208)
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[25] EN
[54] **LATCHABLE PACKAGE**
[54] **EMBALLAGE VERROUILLABLE**
[72] WHITEHURST, DANE, GB
[71] DUFF DESIGN LIMITED, GB
[85] 2017-10-02
[86] 2017-01-27 (PCT/GB2017/050219)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) G01R 33/48 (2006.01) G01T 1/164 (2006.01) G06F 19/00 (2011.01) G06T 1/00 (2006.01)**
[25] EN
[54] **A MEDICAL IMAGING SYSTEM FOR SCAN QUEUE MANAGEMENT**
[54] **SYSTEME D'IMAGERIE MEDICALE POUR UNE GESTION DE FILE D'ATTENTE PAR BALAYAGE**
[72] KUO, YU-CHING AUDREY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-10-02
[86] 2015-04-13 (PCT/IB2015/052677)
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[25] EN
[54] **WOMEN AND MEN'S CLEAR SHOE AND HEEL PROTECTOR**
[54] **CHAUSSURE TRANSPARENTE POUR FEMME ET POUR HOMME ET PROTEGE-TALON**
[72] SHAGHOURY, MARIAN, CA
[71] SHAGHOURY, MARIAN, CA
[85] 2017-10-02
[86] 2016-04-04 (PCT/IB2016/000511)
[87] (WO2016/156983)
[30] US (62/142,267) 2015-04-02

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[51] **Int.Cl. G21C 7/28 (2006.01) G21C 1/02 (2006.01) G21C 3/60 (2006.01) G21C 5/00 (2006.01) G21C 7/24 (2006.01) G21D 5/14 (2006.01)**
[25] EN
[54] **SMALL LOAD-FOLLOWING NUCLEAR POWER GENERATION SYSTEM USING HEAT DEFORMATION OF REFLECTOR CAUSED BY THERMAL EXPANSION PHENOMENON**
[54] **SYSTEME DE FAIBLE ENCOMBREMENT DE GENERATION D'ENERGIE NUCLEAIRE EN SUIVI DE CHARGE UTILISANT LA DEFORMATION THERMIQUE DU REFLECTEUR PROVOQUEE PAR LE PHENOMENE DE DILATATION THERMIQUE**
[72] SUMITA, OSAO, JP
[72] UENO, ISAO, JP
[72] YOKOMINE, TAKEHIKO, JP
[71] CLEAR INC., JP
[85] 2017-10-02
[86] 2016-01-25 (PCT/JP2016/052053)
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[30] JP (2015-075942) 2015-04-02

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[51] **Int.Cl. C09K 3/14 (2006.01) F16D 69/02 (2006.01)**
[25] EN
[54] **FRICTION MATERIAL**
[54] **MATERIAU DE FRICTION**
[72] KAMEI, MITSUO, JP
[71] TUNGALOY CORPORATION, JP
[85] 2017-10-02
[86] 2016-04-01 (PCT/JP2016/060904)
[87] (WO2016/159341)
[30] JP (2015-075722) 2015-04-02

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[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **COMMENT ANALYSIS SYSTEM, COMMENT ANALYSIS METHOD, AND PROGRAM FOR COMMENT ANALYSIS**
[54] **SYSTEME D'ANALYSE DE COMMENTAIRE, PROCEDE D'ANALYSE DE COMMENTAIRE, ET PROGRAMME D'ANALYSE DE COMMENTAIRE**
[72] TAKEDA, TAKASHI, JP
[71] QON INC., JP
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[86] 2015-04-03 (PCT/JP2015/060549)
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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 4/00 (2009.01) H04W 8/24 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, TWAG, EPDG, AND PGW**
[54] **DISPOSITIF DE TERMINAL, PASSERELLE D'ACCES SANS FIL DE CONFIANCE (TWAG), PASSERELLE DE DONNEES DE PAQUET EVOLUE (EPDG) ET PASSERELLE DE PAQUET (PGW)**
[72] KAWASAKI, YUDAI, JP
[72] KUGE, YOKO, JP
[72] ARAMOTO, MASAFUMI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-10-02
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[25] EN
[54] **COMPOSITIONS FOR REMODELING EXTRACELLULAR MATIX AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE REMODELAGE D'UNE MATRICE EXTRACELLULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] SAGI, IRIT, IL
[72] SOLOMONOV, INNA, IL
[72] ZEHORAI, ELDAR, IL
[71] NANOCELL LTD., IL
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/000526)
[87] (WO2016/156990)
[30] US (62/142,675) 2015-04-03
[30] US (62/142,672) 2015-04-03
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[25] EN
[54] **POWDER COMPOSITIONS FOR GENERATING CROSS-LINKED PROTEIN FOAMS AND METHODS OF USING THEREOF**
[54] **COMPOSITIONS DE POUDRE PERMETTANT DE GENERER DES MOUSSES DE PROTEINES RETICULEES ET LEURS PROCEDES D'UTILISATION**
[72] ISHAY, ATTAR, IL
[71] ISHAY, ATTAR, IL
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/000894)
[87] (WO2016/156992)
[30] US (62/142,713) 2015-04-03
[30] US (62/142,715) 2015-04-03
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[25] EN
[54] **IMPROVED METHOD AND APPARATUS FOR EXTRACTING BOTANICAL OILS**
[54] **PROCEDE ET APPAREIL AMELIORES D'EXTRACTION D'HUILES BOTANIQUES**
[72] THOMAS, C. RUSSELL, US
[71] NATURAL EXTRACTION SYSTEMS, LLC, US
[85] 2017-10-02
[86] 2016-04-04 (PCT/US2016/025867)
[87] (WO2016/161420)
[30] US (62/142,562) 2015-04-03

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[25] EN
[54] **DEVICE FOR BODY ORIENTATION FOR SPORTS PEOPLE**
[54] **DISPOSITIF POUR ORIENTATION CORPORELLE POUR PERSONNES FAISANT DU SPORT**
[72] PANDIT, AKSHAY, IN
[71] PANDIT, AKSHAY, IN
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/051875)
[87] (WO2016/157145)
[30] IN (937/DEL/2015) 2015-04-01

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[51] **Int.Cl. F17C 5/02 (2006.01)**
[25] EN
[54] **A MOBILE CO2 FILLING SYSTEM FOR FILLING ONSITE**
[54] **SYSTEME MOBILE DE REMPLISSAGE EN CO2 A DES FINS DE REMPLISSAGE SUR SITE**
[72] SCHUTTE, MIKE, US
[72] SCHNEIDER, DANIEL E., US
[71] GREEN CO2 IP, LLC, US
[85] 2017-10-02
[86] 2015-03-31 (PCT/US2015/023546)
[87] (WO2015/153580)
[30] US (61/973,213) 2014-03-31

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[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01) H05B 6/62 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF FOCUSED IN-SITU ELECTRICAL HEATING OF HYDROCARBON BEARING FORMATIONS**
[54] **APPAREIL ET PROCEDE DE CHAUFFAGE ELECTRIQUE IN SITU CONCENTRE DE FORMATIONS CONTENANT DES HYDROCARBURES**
[72] YELUNDUR, RAMA RAU, US
[71] YELUNDUR, RAMA RAU, US
[85] 2017-10-02
[86] 2016-04-04 (PCT/US2016/025903)
[87] (WO2016/161439)
[30] US (62/178,148) 2015-04-03

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[13] A1
[51] **Int.Cl. A63B 71/14 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01) A41D 20/00 (2006.01)**
[25] EN
[54] **TOWEL MEMBER CONFIGURED FOR COMBAT GLOVE**
[54] **ELEMENT DE SERVIETTE CONCU POUR UN GANT DE COMBAT**
[72] RAMOS, ENRIQUE O., US
[71] REVOLUTION FITNESS PRODUCTS, LLC, US
[85] 2017-10-02
[86] 2015-04-02 (PCT/US2015/024133)
[87] (WO2016/160025)

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **COLLECTING AND HARVESTING CUT BONE FROM KERRISON RONGEUR**
[54] **RECUEIL ET RECOLTE D'OS COUPE D'UN RONGEUR DE KERRISON**
[72] STARKEY, MICHAEL MORGAN, US
[72] PHILPOTT, THOMAS JAMES, US
[72] HENSLER, ROBERT SEAN, US
[72] MELIN, THOMAS ERIC, US
[72] MCNEIL, RAESHON LAMONT, US
[72] GORMAN, RYAN SHANE, US
[71] H & M INNOVATIONS, LLC, US
[85] 2017-10-02
[86] 2015-04-04 (PCT/US2015/024402)
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[30] US (61/975,698) 2014-04-04

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[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/081 (2006.01) F04B 47/02 (2006.01)**
[25] EN
[54] **POLISHED ROD ROTATOR WITH HEIGHT ADJUSTER**
[54] **ROTATEUR DE TIGE POLIE AVEC SYSTEME DE REGLAGE DE HAUTEUR**
[72] SCEKIC, VLADIMIR, CA
[72] MCCORRISTON, TODD, CA
[72] SIMMERS, CRAIG, CA
[71] 1914415 ALBERTA LTD., CA
[85] 2017-10-03
[86] 2016-03-18 (PCT/CA2016/050311)
[87] (WO2016/161505)
[30] US (62/144,618) 2015-04-08

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[13] A1
[51] **Int.Cl. G21F 9/34 (2006.01)**
[25] EN
[54] **SYSTEM FOR DEEP UNDERGROUND STORAGE OF RADIOACTIVE WASTE**
[54] **SYSTEME POUR STOCKAGE SOUTERRAIN PROFOND DE DECHETS RADIOACTIFS**
[72] BURGET, JOHN, US
[71] SAFE NUCLEAR SOLUTIONS, LLC, US
[85] 2017-10-02
[86] 2016-04-06 (PCT/US2016/026258)
[87] (WO2016/164491)
[30] US (62/143,653) 2015-04-06

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[13] A1
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[54] **DISPOSITIF APPLICATEUR POUR LEVRE/PEAU A ELEMENT ROTATIF**
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[72] SANBORN, KELLY, US
[71] BLISTEX INC., US
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[54] **KIT ET PROCEDE POUR ETANCHEIFIER DES PENETRATIONS DE TOIT**
[72] DIGGINS, MATTHEW, US
[71] THE SHERWIN-WILLIAMS COMPANY, US
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[54] **SYSTEME DE SURVEILLANCE DE L'ENVIRONNEMENT**
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[72] ZHAO, TAO, CN
[71] LUCIS TECHNOLOGIES HOLDINGS LIMITED, KY
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[54] **DISPOSITIF DE STABILISATION DE CATHETER ET PROCEDE D'UTILISATION**
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[54] **COMPOSITION COMPRENANT UN COMPOSE PHOTOSENSIBLE DANS UNE NANOPARTICULE POLYMERE ET PROCEDE D'UTILISATION DE LA COMPOSITION**
[72] TARATULA, OLENA, US
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[72] ALANI, ADAM, US
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[72] AMANCHA, KIRAN, US
[72] GIRON, WESLEY, US
[72] YAN, NINGXING, US
[72] GOSKONDA, VENKAT, US
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[54] **POLYPEPTIDES CONTENANT UN DOMAINE DE LIAISON DE NOVO ET LEURS UTILISATIONS**
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[72] HILBERT, DAVID M., US
[71] SUBDOMAIN, LLC, US
[71] ARCELLX, INC, US
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[54] **PROCEDE ET TUBE DE JEJUNOSTOMIE**
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[72] SINGLA, SMIT, US
[72] KURENOV, SERGEI, US
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[54] **SUBSTANTIAL ENERGY RETURN SHOE WITH OPTIMAL LOW-IMPACT SPRINGS, TUNED GEAR CHANGE, AND SMART KNEE BRACE**
[54] **CHAUSSURE A RESTITUTION D'ENERGIE SUBSTANTIELLE AVEC DES RESSORTS A FAIBLE IMPACT OPTIMUMS, CHANGEMENT DE VITESSE SYNTONISE ET ORTHESE DE GENOU INTELLIGENTE**
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[54] **COMPOUNDS FOR TREATING PRURITIC CONDITIONS**
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[72] HAWI, AMALE, US
[71] TREVI THERAPEUTICS, INC., US
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[54] **FORME GALENIQUE PHARMACEUTIQUE SOLIDE D'INHIBITEUR DE PARP ET APPLICATION DE LA FORME GALENIQUE PHARMACEUTIQUE SOLIDE D'INHIBITEUR DE PARP**
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[72] GUO, YUSHEN, CN
[71] IMPACT THERAPEUTICS, INC., CN
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[72] HEARTY, PAUL, US
[71] SONY CORPORATION, JP
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[54] **SYSTEMES ET PROCEDES DE CHARGE DE BATTERIE SANS FIL**
[72] GEISZLER, THEODORE D., US
[71] FP WIRELESS LLC, US
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[54] **FONCTIONNEMENT AUTOMATISE D'UN EQUIPEMENT DE SITE DE FORAGE**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **SYSTEME DE COMMANDE SANS FIL DOMESTIQUE INTELLIGENT**
[72] PAN, FEIJIAN, CN
[71] GUANGDONG UNITED INDUSTRIES FAR EAST CO., LTD., CN
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[54] **POWER STEERING ELECTROHYDRAULIC SYSTEM AND ELECTRIC VEHICLE FITTED WITH SUCH A SYSTEM**
[54] **SYSTEME ELECTROHYDRAULIQUE DE DIRECTION ASSISTEE ET VEHICULE ELECTRIQUE MUNI D'UN TEL SYSTEME**
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[72] ROCHAIS, ALAIN, FR
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[54] **SOYBEAN STARTER FERTILIZER FOR IN-FURROW APPLICATION**
[54] **ENGRAIS DE DEMARRAGE DE SOJA POUR APPLICATION DANS UN SILLON**
[72] BAME, GREGORY A., US
[71] NACHURS ALPINE SOLUTIONS, CORP., US
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[54] **CELLULE D'ECOULEMENT PHOTOACOUSTIQUE PERMETTANT UNE IDENTIFICATION DES ANALYTES RARES EN SUSPENSION**
[72] GOLDSCHMIDT, BENJAMIN SAMUEL, US
[72] ROOD, KYLE, US
[72] VIATOR, JOHN ANDREW, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
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[54] **BOBINES DE COMPENSATION POUR IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] HARRIS, CHAD TYLER, CA
[72] BEATTY, PHILLIP J., CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] STAINSBY, JEFF ALAN, CA
[72] DESCHENES, DAVID MARK, CA
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[54] **SUBSTRATS ET SYSTEMES OPTIQUES ET LEURS PROCEDES D'UTILISATION**
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[72] LUNDQUIST, PAUL, US
[72] FOQUET, MATHIEU, US
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[54] **TRANSPORT DE RESIDUS FLOCULES DANS UN PIPELINE**
[72] BARA, BARRY, CA
[72] MIKULA, RANDY, CA
[72] GOMEZ, CLARA, CA
[72] KIEL, DARWIN, CA
[72] DELFEL, SEAN, CA
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[54] **MODULE D'ELIMINATION DE DECHETS SANS ODEUR**
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[54] **DISPOSITIF DE PROTECTION EMBOLIQUE TEMPORAIRE ET PROCEDURE MEDICALE POUR LE PLACEMENT DE CELUI-CI**
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[54] **DEPOT AUTOMATISE DE RESINE ET DE FIBRE POUR INFUSER LA RESINE**
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[72] HOWE, CHRISTOPHER A., AU
[72] JOHNSON, BRICE A., US
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[54] **MECANISME D'ETANCHEISATION ACTIVE PAR DETECTION DE MOUVEMENT CONTROLE A DISTANCE ET METHODE**
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[54] **GLYCOSYLATION DE TYPE MAMMIFERE DANS DES PLANTES PAR L'EXPRESSION DE GLYCOSYLTRANSFERASES NON MAMMIFERES**
[72] ROUWENDAL, GERARD JOHAN ADOLPH, NL
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[72] BOSCH, HENDRIK JAN, NL
[71] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
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[54] **SYSTEME D'INSPECTION POUR INSPECTER LA QUALITE DE FEUILLES IMPRIMEES**
[72] EITEL, JOHANN EMIL, DE
[72] SIEMER, AXEL, DE
[72] SCHAEDE, JOHANNES GEORG, DE
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[54] **STABILISATEUR DE REMORQUE**
[72] KIMENER, ROBERT PETER, US
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[72] WAHLSTROM, DANIEL, US
[71] MIDWEST INDUSTRIAL DOOR, INC., US
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[21] **2,980,086**
[13] A1
[51] **Int.Cl. B62K 25/12 (2006.01) B62K 25/20 (2006.01) B62K 25/28 (2006.01) B62K 25/30 (2006.01)**
[25] EN
[54] **REAR SUSPENSION SYSTEM FOR BICYCLES**
[54] **SUSPENSION ARRIERE POUR BICYCLETTES**
[72] BUCKLEY, NOEL, CA
[71] BUCKLEY, NOEL, CA
[22] 2003-12-11
[41] 2005-06-11
[62] 2,453,046

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[21] **2,980,417**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/00 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
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[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-07-09
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

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[21] **2,980,423**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/00 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-07-09
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

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[21] **2,980,438**
[13] A1
[51] **Int.Cl. G06Q 50/08 (2012.01) G01S 19/09 (2010.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATION AND CORRELATION OF GIS DATA**
[54] **SYSTEME ET PROCEDE POUR L'INTEGRATION ET LA CORRELATION DES DONNEES GIS**
[72] TUCKER, NELSON P., US
[72] COLBY, DANIEL E., US
[72] FORSTER, PETER J. L., CA
[72] SLUSARENKO, WILLIAM S., CA
[71] PROSTAR GEOCORP, INC., US
[22] 2014-03-14
[41] 2014-09-15
[62] 2,846,173
[30] US (61/788416) 2013-03-15

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[21] **2,980,567**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 21/08 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] HOYER, CAREL W., GB
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] JACOBS, MELVIN T., US
[72] WHITE, NICKY A., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2010-07-27
[41] 2011-01-31
[62] 2,711,621
[30] US (12/462,266) 2009-07-31

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[21] **2,980,806**
[13] A1
[51] **Int.Cl. A61M 16/08 (2006.01) A61M 16/04 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **DEHUMIDIFYING CIRCUIT**
[54] **CIRCUIT DE DESHUMIDIFICATION**
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[72] MILLAR, GAVIN WALSH, NZ
[72] POWELL, KEVIN BLAKE, NZ
[72] BALDWIN, DAVID PETER, GB
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2001-05-08
[41] 2001-11-10
[62] 2,934,358
[30] NZ (504439) 2000-05-10
[30] NZ (509041) 2000-12-20

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[21] **2,980,813**
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[51] **Int.Cl. B25B 11/02 (2006.01) F16B 7/08 (2006.01)**
[25] EN
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[54] **ETABLI D'ASSEMBLAGE PAR FUSION A EMBOITEMENT**
[72] DONALDSON, PAUL JOHN, US
[72] MEADOWS, GREGORY C., US
[71] MCELROY MANUFACTURING, INC., US
[22] 2013-08-02
[41] 2014-02-13
[62] 2,881,359
[30] US (61/680,173) 2012-08-06
[30] US (13/886,975) 2013-05-03

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[21] **2,980,815**
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[51] **Int.Cl. B25B 11/02 (2006.01) F16B 7/08 (2006.01)**
[25] EN
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[54] **ETABLI D'ASSEMBLAGE PAR FUSION A EMBOITEMENT**
[72] DONALDSON, PAUL JOHN, US
[72] MEADOWS, GREGORY C., US
[71] MCELROY MANUFACTURING, INC., US
[22] 2013-08-02
[41] 2014-02-13
[62] 2,881,359
[30] US (61/680,173) 2012-08-06
[30] US (13/886,975) 2013-05-03

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[21] **2,980,906**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/02 (2006.01) E21B 19/06 (2006.01)**
[25] EN
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[71] MILLER, DAVID M., US
[22] 2014-03-13
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[62] 2,846,363
[30] US (13/987,729) 2013-08-26

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[21] **2,981,025**
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[51] **Int.Cl. G01V 3/165 (2006.01) B64D 3/00 (2006.01)**
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[71] ACTION COMMUNICATION, FR
[22] 2014-02-28
[41] 2015-12-17
[62] 2,939,693

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CHAMBERS, RICHARD 2,861,536
CHANG, CHIEN-HSING 2,720,748
CHANG, FRANK 2,889,891
CHANG, JONATHAN 2,854,369
CHANG, LING-CHU 2,847,971
CHANTANT, FRANCOIS 2,765,476
CHAO, YU-SHENG 2,781,140
CHAPDELAINE, CLAUDE 2,651,464
CHAPMAN, ANDREW 2,901,582
CHAPMAN, SETH 2,809,235
CHARLEUX, FRANCOIS 2,778,383
CHEHAB, ABDULLATIF M. 2,907,940
CHEHAB, KHALED A. 2,769,345
CHEMINEER, INC. 2,874,466
CHEN, HUEI-WEN 2,847,971
CHEN, JEN-CHI 2,775,323
CHEN, SHANGHONG 2,827,455
CHEN, ZHENLIANG 2,896,305
CHENG, YAN 2,844,263
CHENG, YUNG-YI 2,847,971
CHERN, JYH-HAUR 2,781,140
CHERRY, JOEL 2,838,451
CHEUNG, JAMES CHUNG WAI 2,769,150
CHEVRON ORONITE COMPANY LLC 2,766,096
CHEVRON U.S.A. INC. 2,805,846
CHIAPPINI, ANDREA 2,738,393
CHILDREN'S MEDICAL CENTER, CORP. 2,813,211
CHIN, GREGORY 2,911,408
CHINA MEDICAL UNIVERSITY 2,847,971
CHINA NATIONAL OFFSHORE OIL CORP. 2,893,572
CHINA OILFIELD SERVICES LIMITED 2,893,572
CHINA PETROLEUM & CHEMICAL CORPORATION 2,853,523
CHING, JESUS 2,796,586
CHISHTI, ZIA 2,735,443
CHITTAJALLU, SIVA 2,900,883
CHIU, KIM 2,847,742
CHO, HANGYU 2,890,327
CHO, HANGYU 2,895,065
CHOI, HWAN WOONG 2,910,444
CHOI, JIN SOO 2,855,777
CHOI, JINSOO 2,895,065
CHOI, JONGHAN 2,881,779
CHOPRA, SUMAN 2,822,342
CHOW, KEN 2,777,223
CHU NANTES 2,831,013
CHU, XIAODONG 2,893,572
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,700,394
CHUN, DONG WON 2,910,444
CHUNG, SEOK 2,813,211
CIENA LUXEMBOURG S.A.R.L. 2,746,674
CILAG GMBH INTERNATIONAL 2,695,411
CIOCHON, TOMASZ 2,753,042
CLAGETT-DAME, MARGARET 2,776,464
CLARKE, ROGER 2,816,632
CLAUS, BRIAN 2,938,534
CLEMENT, JEAN LOUIS 2,752,216
CLEVELAND, ANDREW J. 2,837,880
COCHRAN, DON W. 2,754,572
CODMAN & SHURTLEFF, INC. 2,842,754
COHERA MEDICAL, INC. 2,762,772
COHN, DANIEL T. 2,751,733
COINSECURE, INC. 2,757,181
COLGATE-PALMOLIVE COMPANY 2,822,342
COLLINS, MICHAEL J. 2,769,345
COMEAUX, REESE M. 2,886,699
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,893,991
COMPOSITE PANEL SYSTEMS LLC 2,894,147
CONG, YUEXIN 2,853,523
CONNOR, JEROME 2,623,666
CONOCOPHILLIPS COMPANY 2,753,520
CONVENTRY, GREGORY 2,894,740
CONWAY, GEORGE 2,905,325
COOK, CHARLES F. 2,927,343
COOK, KANE D. 2,875,315
COOPER, EUGENE R. 2,839,439
CORKEY, BRITTON KENNETH 2,911,408
CORMAN, DAVID E. 2,883,726
CORNING OPTICAL COMMUNICATIONS LLC 2,763,307
CORPUZ, EVELYN G. 2,777,223
CORTES-RICO, GUSTAVO 2,679,618
COSENTINO, S.A. 2,769,492
COSMO OIL CO., LTD. 2,907,913
COTARCA, LIVIUS 2,769,659

COTTER, TIMOTHY 2,756,692
COULTER, CAL 2,847,742
COUPE, DOMINIQUE 2,778,383
COVIDIEN LP 2,693,744
COVIDIEN LP 2,897,593
COVINGTON, CHARLES ERIC 2,824,416
CPI EXCAVATING INC. 2,894,740
CREMER, AXEL 2,761,838
CRIM (CENTRE DE RECHERCHE INFORMATIQUE DE MONTREAL) 2,651,464
CROUCH, JEFFREY D. 2,879,842
CROWELL, JOHN M. 2,646,558
CTB, INC. 2,844,695
CUCHENS, MARVIN A. 2,846,891
CUELLAR, KYLE T. 2,764,144
CULWELL, BILL 2,782,345
CUMMINGS, DANIEL LOUIS 2,883,317
CUMNOR TECHNOLOGIES LLC 2,650,301
CYTEC TECHNOLOGY CORP. 2,759,184
D'AMATO, GIANFRANCO 2,735,841
D.A. NOLT, INC. 2,913,798
DADO, GREGORY P. 2,750,213
DAGDELEN UYSAL, DILEK 2,759,927
DAHL, VERENA 2,779,979
DAHLE, LARS ANDREAS 2,772,182
DALL, VAGN-ERIK 2,772,911
DALMATIC A/S 2,772,911
DANA CANADA CORPORATION 2,897,359
DANIELS, BRUCE R. 2,870,682
DANIELS, ROLF 2,705,988
DANLEY, JEFFREY D. 2,763,307
DANNHARDT, GERD 2,782,555
DARDENNE, DANIEL 2,766,208
DARU, JANOS 2,859,458
DASTIDAR, SUDIPTA G. 2,717,098
DASTOOR, PAUL 2,820,860
DAUBE, GERT 2,705,988
DAUGELA, DARCY 2,949,425
DAUTAIS, JEAN-PIERRE 2,754,640
DAVE, RAVI VIPOOL BALMUKUND 2,759,682
DAVIDSON, KYLE ROBERT 2,901,403
DAVIES, MARY KATE 2,866,627
DAVIS, BRETT A. 2,769,345
DAVISON, KEN 2,919,143
DAY, RICHARD M. 2,714,835
DCNS 2,795,112
DEBORSKI, CHRISTOPHER A. 2,693,744
DECK, FRANK 2,678,518
DELAGRANGE, MIKEL ROBERT 2,755,832
DELAHAYE, ROMAIN 2,789,142
DELLA SALLA, GIUSEPPE 2,876,234
DELTA FAUCET COMPANY 2,816,936
DELTA FAUCET COMPANY 2,901,403
DELTA FAUCET COMPANY 2,902,465
DELUCA, HECTOR F. 2,776,464
DEMOSS, LARRY K. 2,820,219
DENEALE, PATRICK LEE 2,882,099
DENG, FENG 2,866,578
DENGLER, ERIKA 2,750,458
DEPIAK INDUSTRIAL TECHNOLOGY CORPORATION 2,769,919
DEPIAK, ADAM 2,769,919
DEPIAK, KAROL 2,769,919
DERBY, MICHAEL C. 2,905,815
DERBY, MICHAEL C. 2,906,352
DEWHURST, STEPHEN 2,744,498
DEXTRADEUR, ALAN J. 2,842,754
DIAMOND INNOVATIONS, INC. 2,736,805
DIBAS, MOHAMMED I. 2,777,223
DIETRICH, DANIEL 2,768,642
DIETZ, WESLEY PAUL 2,922,274
DIMMER, JERRY R. 2,675,058
DIMMER, NATHAN P. 2,675,058
DINIS CARMO, JOSE 2,808,480
DIRLENBACH, OLIVER 2,785,596
DIVINO, VINCENT 2,897,593
DIXIT, BHARAT 2,781,527
DJELASSI, CEDRIK 2,745,977
DJURIC, STEVAN W. 2,761,961
DOANE, ANDREW J. 2,751,733
DOMAIN THERAPEUTICS 2,779,073
DOMBROWSKI, LORI 2,846,152
DONAHUE, ROBERT 2,906,576
DONATI S.P.A. 2,788,083
DONATI, ARMANDO 2,788,083
DONELLO, JOHN E. 2,777,223
DONNALLY, ROBERT BENJAMIN 2,869,177
DORAWA, KLAUS 2,761,838
DORRIS, STEVEN A. 2,883,726
DORSCH, DIETER 2,748,908
DOUCE, JEROME 2,739,773
DOUGLAS, MARGARET L. 2,849,584
DOW AGROSCIENCES LLC 2,754,434
DRESHAR, JANICE K. 2,849,121
DRESSER-RAND COMPANY 2,807,502
DRYIP, LLC 2,857,440
DU, JINFA 2,911,408
DUBOIS, FREDERIC 2,710,587
DUBOIS, FREDERIC 2,710,633
DUBOURDIEU-RAYROT, JEAN-MARC 2,786,232
DUFORD, DAVID 2,949,425
DUMM, TIMOTHY F. 2,736,805
DUNCAN, MARK 2,791,330
DUPONT NUTRITION BIOSCIENCES APS 2,749,190
DURKHEIM, YVES 2,788,059
DUTTA, PARTHA S. 2,918,028
DYKE, HAZEL JOAN 2,772,504
DYKSTRA, JASON D. 2,920,181
E3 COMPUTING GMBH 2,729,390
EASON, STEPHEN 2,816,632
EBAY INC. 2,892,230
ECHOSTAR TECHNOLOGIES L.L.C. 2,828,206
ECO-BLOCK INTERNATIONAL LIMITED 2,805,508
EDWARDS LIFESCIENCES CORPORATION 2,790,686
EDWARDS LIFESCIENCES CORPORATION 2,821,423
EGENTON, WILLIAM 2,779,368
EGGERT, ULRIKE 2,729,188
EGGERT, ULRIKE 2,783,938
EICK, ROBERT S. 2,897,385
EISAI R&D MANAGEMENT CO., LTD. 2,803,571
EISAI R&D MANAGEMENT CO., LTD. 2,814,385
EL HADDAD, JOSETTE 2,949,425
ELBEL, KRISTYNA 2,911,408
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,855,777
ELLEMAN, CAROLE JEAN 2,900,331
ELLIOTT, DECLAN 2,720,715
ELMALEH, DAVID R. 2,718,035
ELMOFTY, OMAR 2,902,839
EMERSON ELECTRIC CO. 2,803,323
EMUKAI, TOSHIHUMI 2,914,206
ENDOU, YUUKI 2,913,293
ENDRESS+HAUSER GMBH+CO. KG 2,919,910
ENGELBART, ROGER W. 2,883,726
ENGINEERING SERVICES INC. 2,843,090
EPSTEIN, JONATAN 2,897,982
ERMAN, P. GREGORY 2,896,144
ESKELINEN, KATI 2,867,912
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,710,587
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,710,633
ETHICON, INC. 2,764,146
ETHIRAJAN, MANIVANNAN 2,896,305
ETTL, ROLAND 2,674,658
EUCLID DISCOVERIES, LLC 2,676,219
EVANS, PATRICK DREW 2,713,042
EVANS, TIMOTHY PAUL 2,811,156
EVDOKIMOV, ARTEM G. 2,868,815
EVOGENE LTD. 2,526,440
EVOGENE LTD. 2,570,195
EVOLUTION ENGINEERING INC. 2,895,530
EWALD, CARLA K. 2,675,058
EWI, INC. 2,880,697
EWING, CARREL W. 2,837,880
EWOS INNOVATION AS 2,875,557
EXPANSION ENERGY LLC 2,911,635
EXPLO ENGINEERING AG 2,736,002
F. HOFFMANN-LA ROCHE AG 2,674,285
F. HOFFMANN-LA ROCHE AG 2,678,518
F. HOFFMANN-LA ROCHE AG 2,822,509
F. HOFFMANN-LA ROCHE AG 2,900,694
F. HOFFMANN-LA ROCHE AG 2,900,696
F. HOFFMANN-LA ROCHE AG 2,900,883
F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A. 2,769,659
FACEBOOK, INC. 2,854,369
FACEBOOK, INC. 2,908,073

FAHEY, PATRICK M. 2,897,385
FAHMY, TAREK M. 2,869,748
FAIRHURST, ROBIN ALEC 2,734,819
FAMOLARI, DAVID 2,620,055
FANG, WEN 2,838,244
FANG, WENKUI K. 2,777,223
FANG, XINGGAO 2,887,764
FARAHAT, WALEED AHMED 2,813,211
FARHADIROUSHAN, MAHMOUD 2,763,389
FARLEY, SEAN S. 2,917,328
FARMACEUTICOS RAYERE, S.A. 2,951,987
FARRUGIA, VALERIE M. 2,836,737
FEKETE, LAJOS 2,859,458
FENECH, JUSTINE 2,792,518
FENG, CHENGYAN 2,849,638
FENG, YONGREN 2,893,572
FENIX OUTDOOR AB 2,767,305
FERDIMAN, GIDON 2,732,145
FEUERSTEIN, MATTHIEU 2,708,490
FIELD, OLIVER MARTYN 2,766,238
FIELDS, GREGORY JASON 2,807,788
FINCK, WILLIAM 2,745,057
FISCO, MICHAEL 2,857,440
FISER, JAKE 2,809,235
FITZGIBBON, JAMES J. 2,845,210
FLAVELL, RICHARD A. 2,869,748
FLORIGO INTERNATIONAL B.V. 2,840,125
FLOWERS, SEAN 2,880,697
FLUID-QUIP, INC. 2,723,579
FLYNN, WILLIAM JOSEPH, III 2,908,073
FOCHT, KENNETH ALLEN 2,762,772
FOLETTO, JOHNNY 2,769,659
FOLEY, MARTIN P. 2,605,589
FOLEY, NICK 2,753,139
FONDA, JAMES W. 2,883,726
FONTAINE-AUPART, MARIE-PIERRE 2,831,013
FORCATO, MASSIMILIANO 2,769,659
FORD MOTOR COMPANY 2,595,366
FORD, DARRELL 2,919,143
FORD, MARK 2,672,587
FORM 700 PTY LTD 2,790,234
FORMAX, INC. 2,797,849
FOSS ANALYTICAL A/S 2,815,400
FOSTER, NEIL ANDREW 2,956,890
FOURNIE, GLENN G. 2,888,552
FRANCO, JOSEPH 2,766,238
FRANK'S INTERNATIONAL, LLC 2,886,699
FRANK, RONALD 2,729,188
FRANKLIN, ROSS 2,769,345
FRANWELL, INC. 2,759,927
FREDRICKS, THOMAS J. 2,803,323
FREEMAN, PHILIP L. 2,883,726
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,828,293
FRESON, DAVID 2,710,587
FRESON, DAVID 2,710,633
FRETIGNY, YVES 2,795,112
FREY, JENNIFER L. 2,697,223
FRIEDERICHS, WOLFGANG 2,779,979
FRIEDRICH, JOSEF 2,757,637
FRINK, DARIN LEE 2,830,513
FROMAGE, MATTHIEU 2,824,722
FU, HONGNING 2,718,035
FUJIFILM SONOSITE, INC. 2,928,337
FUJIMOTO, HIROYOSHI 2,831,772
FUJIREBIO EUROPE N.V. 2,397,991
FUKUNAGA, TAKAYUKI 2,900,111
FUMIMOTO, YASUSHI 2,936,623
FURET, PASCAL 2,734,819
FURMAN, SCOTT 2,756,692
FURUTA, YUJI 2,911,583
FUTABA INDUSTRIAL CO., LTD. 2,897,918
GAERDENFORS, DAN ZACHARIAS 2,806,910
GAGGINAPALLY, SHANKAR REDDY 2,932,428
GAGNON, LANGIS 2,651,464
GALT, KENNETH M. 2,766,192
GANDARILLA, JORGE 2,761,961
GANDHI, DENNIS 2,901,395
GANDINI, STEFANO 2,676,591
GANTT, ASHLEY IVERY 2,887,111
GAO, JIANMING 2,853,523
GAO, LIJUN 2,876,637
GASIECKI, ALAN F. 2,761,961
GASTER, BENEDICT RUBEN 2,917,609
GATES, IAN 2,884,849
GATIEN, DANIEL 2,750,108
GAULLY, BRUNO 2,745,977
GAUTAM, ABHISHEK 2,790,686
GAUTAM, ABHISHEK 2,821,423
GAVISH-GALILEE BIO APPLICATIONS LTD 2,713,137
GAZIER, MICHAEL 2,746,674
GE AVIATION SYSTEMS LIMITED 2,770,631
GE AVIATION SYSTEMS LLC 2,758,609
GE AVIATION SYSTEMS LLC 2,759,384
GE, WEIYAN 2,838,245
GEELS, MICHAEL GLENN 2,816,936
GEIER, RUDOLF 2,778,863
GEIGER, PAUL 2,668,297
GELBARD, HARRIS A. 2,744,498
GELLIS, DAVID 2,713,509
GENERAL CABLE INDUSTRIES, INC. 2,829,959
GENERAL ELECTRIC COMPANY 2,745,635
GENEREACH BIOTECHNOLOGY CORP. 2,856,345
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,809,090
GERBA, GEORGE 2,650,301
GERSTENBERGER, DIRK 2,713,681
GEYER, PETER 2,766,238
GHUSSON, ANDREW 2,882,508
GIBSON, MATTHEW 2,759,682
GIETHLEN, BRUNO 2,779,073
GIL, DANIEL W. 2,777,223
GILEAD SCIENCES, INC. 2,839,357
GILEAD SCIENCES, INC. 2,911,408
GILLAN, COLIN 2,891,740
GILLHAM, JASON GREGORY 2,753,042
GINGRAS, LUC 2,841,482
GIONTA, MATTHEW 2,763,783
GIOVANETTI, ROBERTO 2,769,659
GIRBIG, ANNA-KATHARINA 2,729,188
GISSER, KATHLEEN R. 2,849,121
GLASENAPP, CARSTEN 2,908,521
GLAUBER, CARL J. 2,964,947
GLENCROSS, JAMES 2,753,139
GLEW, ALEXANDER D. 2,878,338
GOEKING, HAROLD JOHN 2,809,090
GOERING, JONATHAN 2,778,982
GOERING, JONATHAN 2,866,029
GOLAN, EZEKIEL 2,526,440
GOLD, EVGENIA 2,570,195
GOLDENBERG, ANDREW A. 2,843,090
GOLDENBERG, DAVID M. 2,720,748
GOLDSTEIN, LEE 2,971,330
GOMEZ SANCHEZ, CARMEN MIGUEL 2,951,987
GONEN, YOAV 2,658,727
GONZALEZ, PETER 2,856,743
GOODFELLOW, VAL S. 2,744,498
GOODMAN, BRANDON C. 2,886,387
GOODMAN, BRANDON C. 2,906,352
GORDON, DAVID 2,762,539
GORODETSKY, RAPHAEL 2,713,137
GOROKHOV, ALEXEI Y. 2,713,697
GORWA-GRAUSLUND, MARIE F. 2,694,944
GOSTELI, JULIEN 2,834,797
GOTLUND, ERIK 2,888,206
GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET 2,783,938
GOTTFRIED WILHELM LEIBNIZ UNIVERSITAT HANNOVER 2,729,188
GOTTLIEB, BRIAN JEFF 2,916,309
GOURNAY, PHILIPPE 2,729,751
GRACE, ANDREW 2,720,715
GRADY, MICHAEL CHARLES 2,723,877
GRAFTCRAFT I GOTEBORG AB 2,820,405
GRAVES, DAVID M. 2,766,733
GRAY, ALEX L. 2,737,935
GREDAT, SIMON 2,816,841
GREGORI, WOLFGANG 2,770,881
GRINGRAS, LUC 2,785,144
GROSPRETRE, PATRICK 2,816,841
GRUBKA, LAWRENCE 2,753,250
GRUBKA, LAWRENCE J. 2,697,223
GRUENENTHAL GMBH 2,757,757
GRUNENTHAL GMBH 2,858,769
GRUSS, MICHAEL 2,858,769
GRYCHOWSKI, JERRY R. 2,605,589
GRYNIEWSKI, MATTHEW 2,843,090
GUAGNANO, VITO 2,734,819
GUAN, LEI 2,844,263
GUERRA, JASON D. 2,697,223
GUGLIELMETTI, SIMONE 2,825,980
GULACHENSKI, JOSEPH 2,827,854
GULDSTRAND, TREVOR 2,918,322

GULFSTREAM AEROSPACE CORPORATION 2,896,768
GUNNARSON, JAY 2,760,500
GUO, YUTAI 2,742,904
GUY, EDWARD THOMAS, III 2,811,156
GUYOT, PHILIPPE 2,762,940
HACKNEY, GARY NEAL 2,854,012
HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. 2,713,137
HADDOCK, RICHARD M. 2,757,181
HAGEN, RAINER 2,698,286
HAHN, RALF 2,775,123
HAHN-HAGERDAL, BARBEL 2,694,944
HAILE, TADELE 2,827,854
HAILEY, KERRI CRAIN 2,885,640
HAKES, DENNIS LEE 2,774,913
HAKES, JEAN ANN 2,774,913
HALASI, ATTILA 2,859,458
HALFERDAHL, GEOFFREY 2,906,576
HALL, CHRISTOPHER 2,794,296
HALL, WARREN 2,609,627
HALLIBURTON ENERGY SERVICES, INC. 2,795,219
HALLIBURTON ENERGY SERVICES, INC. 2,856,743
HALLIBURTON ENERGY SERVICES, INC. 2,878,023
HALLIBURTON ENERGY SERVICES, INC. 2,885,917
HALLIBURTON ENERGY SERVICES, INC. 2,891,220
HALLIBURTON ENERGY SERVICES, INC. 2,898,170
HALLIBURTON ENERGY SERVICES, INC. 2,900,462
HALLIBURTON ENERGY SERVICES, INC. 2,914,643
HALLIBURTON ENERGY SERVICES, INC. 2,920,181
HALLIBURTON ENERGY SERVICES, INC. 2,922,274
HALLIDAY, ANDREW 2,901,582
HALLIDAY, PIETER STEPHANUS JACOBUS 2,820,860
HALLS, MALCOLM C. 2,742,904
HAMAMOTO, SHIGEKI 2,829,854
HAMAMOTO, SHIGEKI 2,829,862
HAMANN, HANS-JUERGEN 2,705,988
HANAK, JOSEF 2,771,664
HANCOCK, DAVID 2,797,849
HANNUN, YUSEF A. 2,742,866
HANS RUEGG 2,736,002
HANSEN, ROBERT A. 2,763,311
HANSSEN, ADALBERT 2,908,521
HANSSON, HANS-ARNE 2,650,132
HAPPYCALL CO., LTD. 2,853,240
HARDIN, JOHN RANSFORD, JR. 2,898,170
HARDING, THOMAS 2,940,056
HARHIRA, AISSA 2,949,425
HARIRAMANI, PRAKASH PREM 2,738,508
HARPER, JOHN R. 2,623,666
HASHIMOTO, TADAFUMI 2,782,485
HATTORI, KENICHI 2,761,600
HAVLIN, DENNIS LEE JR. 2,595,366
HAWKINS, KIRK 2,763,783
HAY, RICHARD THOMAS 2,900,462
HAYASHI, YUKI 2,829,854
HAYASHI, YUKI 2,829,862
HAYDUK, MATTHEW 2,765,077
HE, FENG 2,849,638
HE, XIAOJIA 2,843,090
HEADWATER RESEARCH LLC 2,810,066
HEARTBEET LTD. 2,678,093
HEATHCO, LLC 2,845,210
HECHT, GIL 2,864,373
HECHT, GIL 2,865,373
HECHT, GIL 2,870,855
HECHT, GIL 2,880,173
HEDGES, JAMES H. 2,753,520
HEDLEY, ROBERT IAN 2,731,846
HEDMAN, PETER 2,691,502
HEEP, IRIS 2,705,988
HEIDER, KARL-HEINZ 2,693,464
HEINAVAARA, KIMMO 2,869,405
HEINEMAN, THOMAS G. 2,897,385
HEINEMANN, MAREN 2,801,970
HEIRMAN, MARC 2,775,018
HELANDER, THOMAS 2,743,129
HELMHOLTZ-ZENTRUM FUER INFEKTIONS-FORSCHUNG GMBH 2,783,938
HELMHOLTZ-ZENTRUM FUR INFEKTIONSFORSCHUNG GMBH 2,729,188
HENDENSTROM, JOHN 2,775,323
HENDERSON, KEVIN O. 2,757,447
HENGSTLER, ROLAND 2,747,360
HENKEL AG & CO. KGAA 2,764,689
HEPTING, EMIL 2,873,330
HERAKLES 2,778,383
HERFT, TERENCE 2,916,620
HERMES INNOVATIONS LLC 2,778,274
HERNANDEZ, LORENZO HUACAN 2,786,232
HERPICHBOEHM, LINDLEY 2,678,518
HERRERO VERON, CHRISTIAN 2,691,502
HESS, HAROLD 2,755,264
HEYMANS, JOACHIM 2,928,649
HIKIDA, SATOSHI 2,866,362
HINES, DAVID 2,873,528
HINING, IRA EUGENE 2,783,016
HIRAI, KEITA 2,831,772
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DOBRINSKI, DANIEL DAVID 2,981,174
DODGE, RICHARD N. 2,976,512
DODIC, NERINA 2,961,745
DOI, SHUN 2,981,468
DOLMATCH, BART 2,975,391
DONDEY, PHILIPPE 2,980,666
DONOGHUE, CRAIG 2,961,740
DOTZAUER, DAVID 2,981,178
DOTZAUER, DAVID 2,981,279
DOW GLOBAL TECHNOLOGIES LLC 2,962,095
DOWNIE, SIMON 2,975,782
DRAPER, MARK 2,976,299
DRECO ENERGY SERVICES ULC 2,981,114
DRVAR, ANTUN 2,962,344
DU, XIA 2,968,142
DUAN, HONGYAN 2,980,439
DUAN, HONGYAN 2,980,862
DUAN, HONGYAN 2,980,865
DUBET, OLIVIER 2,976,280
DUFF DESIGN LIMITED 2,981,564
DUKES, SIMON 2,981,007
DUNCAN, MORVEN 2,975,573
DUNKI-JACOBS, ADAM 2,980,585
DUQUETTE, DOUGLAS 2,981,041
DUVAL, STEPHANE 2,981,547
DVEKSLER, GABRIELA 2,981,191
EARNSHAW, MARK 2,981,067
EAST CAROLINA UNIVERSITY 2,977,153
EAST, RAY 2,980,894
EATON CORPORATION 2,976,895
EATON, MATTHEW LUCAS 2,981,518
ECOLAB USA INC. 2,981,178
ECOLAB USA INC. 2,981,181
ECOLAB USA INC. 2,981,279
ECP ENTWICKLUNGSGESELLSCHAFT MBH 2,980,950
EGAMI, KOSUKE 2,980,888
EHRNSPERGER, BRUNO JOHANNES 2,977,085
EIDE, TERJE 2,980,536
ELSAMAHY, TAMER 2,981,609
ELSOHLY, MAHMOUD 2,981,465
ENABLE INJECTIONS, INC 2,980,585
ENANTA PHARMACEUTICALS, INC. 2,981,503
ENDO, SHIGERU 2,980,985
ENGIP LLC 2,981,448
EPSTEIN, ALAN L. 2,981,142
EPSTEIN, ALAN L. 2,981,143
EPSTEIN, ALAN L. 2,981,166
ERCA 2,976,282
ERICSSON, ANNA 2,961,793
ERICSSON, ANNA 2,961,807
ERICSSON, ANNA 2,961,811
ERICSSON, ANNA 2,961,817
ESPENSEN, MAX 2,961,422
ETH ZURICH 2,977,295
ETTE, ENE IKPONG 2,981,176
EVANS, ALAN F 2,975,042
EVANS, ALICIA JERRAM HUNTER 2,980,522
EVANS, ALICIA JERRAM HUNTER 2,980,528
EVESTRA, INC. 2,981,173
EVONIK DEGUSSA GMBH 2,962,044
EVOQUA WATER TECHNOLOGIES LLC 2,981,007
EXEL INDUSTRIES 2,975,496
EXIQON A/S 2,977,439
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,980,893
EYEKOR, LLC 2,981,021
EYER, MARK 2,981,629
EYESENSE GMBH 2,976,129
FALCK, KAI 2,961,107
FALKENHAGEN, ERIC ALAN 2,981,069
FAN, CHUNGPENG 2,961,389
FARRELL, EUGENE MICHAEL 2,980,737
FARZANEH-FAR, RAMIN 2,981,176
FAUX, NOEL 2,981,533
FAWCETT, TIMOTHY JAMES 2,976,299
FAY, THOMAS 2,981,511
FEDRONIC, DOMINIQUE 2,977,428
FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC 2,980,569

FELLOWS, ROSS 2,981,336
FELSINGER, NATASHA 2,980,776
FENEYROU, PATRICK 2,980,954
FENG, JUN 2,981,530
FENG, SHULIN 2,961,378
FERGUSON, T. BRUCE, JR. 2,977,153
FERMOR SMALL, LESLIE EDWARD 2,977,301
FESSOU, PHILIPPE, JACQUES PIERRE 2,980,688
FIEBIG, NILS-HENNING 2,976,702
FIELD, DANIEL W. 2,981,169
FIELD, DANIEL W. 2,981,170
FIELD, DANIEL W. 2,981,172
FIELD, DANIEL W. 2,981,180
FINAN, CHRISTOPHER T. 2,981,013
FINISHING BRANDS UK LTD. 2,980,804
FINK, LUCIAN, ANDREJ 2,981,083
FINMASON, INC. 2,981,268
FINNERTY, CAINE M. 2,975,831
FISCHER, JASON EVEREST 2,975,934
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,522
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,528
FISHER & PAYKEL HEALTHCARE LIMITED 2,981,235
FISHER, MICHAEL A. 2,980,576
FLEMING, DAVID 2,980,705
FLIN, MATTHIEU 2,976,280
FLINSPACH, MACK 2,981,336
FLOREY, GUILLAUME 2,981,329
FLUGEL, MATTHIAS 2,976,591
FLYNN, JOHN A. 2,981,305
FONTEM HOLDINGS I B.V. 2,975,576
FORMA THERAPEUTICS, INC. 2,961,793
FORMA THERAPEUTICS, INC. 2,961,807
FORMA THERAPEUTICS, INC. 2,961,811
FORMA THERAPEUTICS, INC. 2,961,817
FOX, PETER ALLEN 2,980,920
FP WIRELESS LLC 2,981,630
FRANCIS, DEAN EDWARD 2,977,219
FRANKEN, PIETER JOHANNES ANTONIUS 2,979,709
FRANZEN, FELIX 2,980,823
FREITAS, MARK 2,981,443
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,977,695
FREY, GERHARD 2,977,687
FRISHMAN, ABE 2,981,451
FRITTS, ROBERT ERWIN, JR. 2,981,080
FROST, JENNIFER M. 2,961,413
FRUNZIO, LUIGI 2,981,493
FU, HONG 2,977,496
FUJISAWA, GO 2,961,185
FUKUNAGA, SHINICHI 2,981,254
FULTON, R. SCOTT 2,980,741
FYFE, MATTHEW COLIN THOR 2,961,870
GAAL, PETER 2,977,284
GABRIELSON, KURT 2,977,515
GADDIES, LEE 2,981,417
GAIOTTI, DAVID 2,976,759
GALIMBERTI, MAURIZIO STEFANO 2,962,327
GALUSKA, PETER 2,981,361
GANE, PATRICK, A. C. 2,976,717
GARCIA, ANTOINE 2,976,299
GARSHA, KARL 2,981,155
GARTIA, MANAS RANJAN 2,981,179
GATTUPALLI, RAJESWAR R. 2,981,187
GE AVIATION SYSTEMS LLC 2,976,336
GE OIL & GAS ESP, INC. 2,980,549
GEISZLER, THEODORE D. 2,981,630
GENERAL ELECTRIC COMPANY 2,976,542
GENERAL ELECTRIC TECHNOLOGY GMBH 2,976,299
GENERAL MILLS, INC. 2,981,361
GENG, JUMIN 2,981,318
GENG, JUMIN 2,981,359
GENOVESE, MARK 2,961,389
GEORGIA TECH RESEARCH CORPORATION 2,975,108
GEORGIA TECH RESEARCH CORPORATION 2,975,394
GERLACH, OLGA 2,976,083
GEYER, JAY D. 2,981,177
GHANAM, KHADIJA 2,981,437
GHANAM, KHADIJA 2,981,438
GHAZIANI, NAVID OMIDVAR 2,981,324
GIACOMINI S.P.A. 2,980,682
GIAMPIETRO, VITO ROBERTO 2,977,295
GIERLACH, DOMINIKUS 2,980,964
GIERLACH, DOMINIKUS 2,980,967
GILBERTSON, SARAH E. 2,981,181
GINGRICH, SUSAN 2,981,045
GIRON, WESLEY 2,981,615
GIUSSANI, RICCARDO 2,981,407
GLATZER, MICHAEL J. 2,980,576
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 2,961,528
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,961,745
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,962,326
GLOBALTECH CORPORATION PTY LTD 2,981,335
GOJO INDUSTRIES, INC. 2,980,563
GOLDENBERG, DAVID M. 2,981,543
GOLDMAN, ERICK 2,981,046
GOLDMAN, ERICK 2,981,048
GOLDSCHMIDT, BENJAMIN SAMUEL 2,981,647
GONZALEZ, JEREMY 2,980,794
GOOLSBY, CRAIG 2,981,330
GORMAN, RYAN SHANE 2,981,597
GOSKONDA, VENKAT 2,981,615
GOUJON, BENEDICTE 2,980,875
GRAF, UDO WERNER 2,977,040
GRAHAM PACKAGING COMPANY, L.P. 2,981,486
GRAHAM, NEIL 2,961,389
GRANGER, BRETT 2,981,503
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,980,192
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,980,354
GRAVI FLOAT AS 2,981,140
GREEN AUTOMATION EXPORT OY 2,980,795
GREEN CO2 IP, LLC 2,981,592
GREEN, ANDREW 2,981,007
GRIFFIS, JOSHUA W. 2,981,007
GRISWOLD, JEFFREY 2,981,443
GROSS, MATTHEW I. 2,981,499
GROSS, STEPHEN M. 2,962,273
GROSSE, JOSHUA 2,981,212
GROSSMAN, JAMES 2,981,169
GROSSMAN, JAMES 2,981,170
GROSSMAN, JAMES 2,981,172
GROSSMAN, JAMES 2,981,180
GU, ZHOUYE 2,977,526
GUAN, SHAN 2,981,608
GUAN, SHAN 2,981,621
GUANGDONG UNITED INDUSTRIES FAR EAST CO., LTD 2,981,637
GUENTHER, MATTHEW G. 2,981,518
GUERNSEY, JONATHAN JEAN 2,974,835
GUGGER, ERIC T. 2,981,361
GUILLEMONT, MAXENCE 2,980,677
GUL, WASEEM 2,981,465
GULAS, MICHAL 2,977,295
GULATI, KAPIL 2,977,411
GULLIVER, LAURENCE 2,980,528
GUNNERSON, KORY A. 2,981,167
GUO, YUSHEN 2,981,627
GUPTA, SUDHIR KUMAR 2,980,716
GUSTAFSON, GARY 2,961,793
GUSTAFSON, GARY 2,961,807
GUSTAFSON, GARY 2,961,811
GUSTAFSON, GARY 2,961,817
H & M INNOVATIONS, LLC 2,981,597
HAEGGSTROM, EDWARD 2,961,107
HAEMAIR LIMITED 2,975,042
HAGEN, JAMES G. 2,981,120
HAHNEL, MARCEL 2,976,988
HALL, JEFFERSON ROBERT 2,981,174
HALL, JOHN 2,975,391
HALLIBURTON ENERGY SERVICES, INC. 2,980,439
HALLIBURTON ENERGY SERVICES, INC. 2,980,455
HALLIBURTON ENERGY SERVICES, INC. 2,980,716
HALLIBURTON ENERGY SERVICES, INC. 2,980,859
HALLIBURTON ENERGY SERVICES, INC. 2,980,862
HALLIBURTON ENERGY SERVICES, INC. 2,980,865
HALLIBURTON ENERGY SERVICES, INC. 2,980,874

HAMERSKY, MARK WILLIAM 2,977,387
HAMMEL, DEVON BEAU 2,981,279
HANAN, JAY CLARKE 2,980,971
HANCOCK, ASHLEY B. 2,980,576
HANCOCK, ASHLEY PAUL 2,962,326
HANIF, HAKIMUDDIN 2,980,737
HANNAS-DJEBBARA, ZAHIA 2,962,225
HANSEN, HANS J. 2,981,543
HANSSON, ANDERS 2,976,588
HANWHA CHEMICAL CORPORATION 2,976,627
HARDWICK, STEVE 2,977,488
HARRIS, CHAD TYLER 2,981,658
HARTING ELECTRONICS GMBH 2,976,393
HARTMAN, CHARLOTTE SUZANNE 2,981,176
HARTMAN, JAMES 2,977,761
HARVEY, TIMOTHY GRAHAM 2,981,071
HATRIDGE, MICHAEL 2,981,493
HAUSER, LAWRENCE M. 2,981,483
HAWI, AMALE 2,981,625
HAWLEY, RONALD CLARE 2,976,444
HAYDEN, CHRISTOPHER S. 2,981,474
HE, JING 2,981,503
HE, RENEE 2,980,549
HEALTH RESEARCH, INC. 2,981,618
HEARTY, PAUL 2,981,629
HEDBERG, KELLIE M. 2,981,189
HEDLUND, JOHAN 2,976,588
HEIDMANN, KURT 2,981,528
HEIMAN, DANIEL F. 2,981,080
HEJLEH, KHALED MUFID YOUSEF 2,981,335
HENDERSON, MEREDITH C. 2,981,347
HENDRICKSON USA, L.L.C. 2,980,741
HENSLER, ROBERT SEAN 2,981,597
HERMANS, SEBASTIAAN 2,980,767
HERO BY DESIGN LLC 2,981,417
HERRLINGER, KELLI 2,961,378
HERTZOG, DANIEL NILS FREDRIK 2,980,831
HEYER, TONI M. 2,974,962
HIGGINS, DANIEL R. 2,981,457
HIGH VOLTAGE PARTIAL DISCHARGE LIMITED 2,981,407
HIGUCHI, YOSHINOBU 2,980,992
HILBERT, DAVID M. 2,981,616
HILL, MARK 2,976,158
HILPERT, CLIFFORD L. 2,981,448
HILPERT, JEFFREY L. 2,981,448
HINKLE, JONATHAN MICHAEL 2,981,290
HINSBY, ANDERS MORKEBERG 2,961,097
HIROKAWA, KEIKO 2,980,992
HIRSCH, CHRISTIAN 2,974,468
HO, CHIH-WEI 2,981,521
HOCHWALD, STEVEN 2,981,618
HOFER, ROBERT 2,980,786
HOFFMAN, ANDREW J. 2,977,443
HOFFMAN, GARY 2,977,426
HOLCOMBE, SEAN 2,977,761
HOLLAND, LLOYD FREDERICK 2,976,898
HOLLAND, LLOYD FREDERICK 2,976,903
HOLLEY, ERIC 2,980,865
HOLM, CLAUS 2,976,581
HOLYOAKE, BRUCE GORDON 2,980,522
HONDA, TATSURO 2,981,254
HONEYWELL INTERNATIONAL INC. 2,961,961
HONG, MINGZHI 2,981,079
HOOPER, JUSTIN RICHARD 2,974,835
HOOVEN, MICHAEL D. 2,980,585
HOPKINS, CHAD DANIEL 2,981,055
HORIKOSHI, KENGO 2,977,865
HORNE, DAVID 2,981,504
HORTIG, PHILIPP J. 2,980,927
HOWELL, JUSTIN A. 2,981,486
HOWES, SUSAN 2,981,417
HOYA LENS THAILAND LTD. 2,981,263
HU, PEISHENG 2,981,142
HU, PEISHENG 2,981,143
HU, PEISHENG 2,981,166
HUANG, HAO 2,976,336
HUANG, PETER QINHUA 2,981,055
HUANG, QINGPING 2,981,079
HUANG, WEI-CHIAO 2,981,359
HUANG, YIJUN 2,981,021
HUANG, YU-WEN 2,981,185
HUAWEI TECHNOLOGIES CO., LTD. 2,981,184
HUAWEI TECHNOLOGIES CO., LTD. 2,981,355
HUAWEI TECHNOLOGIES CO., LTD. 2,981,376
HUBBELL INCORPORATED 2,981,174
HUBER, REINHOLD 2,977,116
HUBERT, ANTOINE 2,980,939
HUBERT, ANTOINE 2,980,941
HUDDLESTON, MATTHEW J. 2,980,585
HUDSON, CHARLES TAYLOR 2,980,720
HUGHES, ANTHONY EWART 2,981,071
HUGHES, MICHAEL FRANKLIN 2,980,549
HULL, KEN 2,981,472
HULSHOF, GERKO 2,980,927
HURON TECHNOLOGIES INTERNATIONAL INC. 2,981,348
HUSQVARNA AB 2,981,364
HUYNH, HUU THINH 2,971,758
HWANG, SUNGHO 2,977,621
HYCOR BIOMEDICAL LLC 2,981,455
HYDRA BIOSCIENCES, INC. 2,961,412
HYDROSMART TECHNOLOGIES, INC. 2,981,298
HYND, JOHN WILLIAM 2,961,516
I-SOLAR ENERGY CO., LTD. 2,980,699
IENARI, TOORU 2,981,418
IIMORI, TAKESHI 2,981,239
IKEDA, NOBUHISA 2,981,161
ILC DOVER LP 2,981,290
IMERYS GRAPHITE & CARBON SWITZERLAND LTD. 2,977,295
IMMUNOMEDICS, INC. 2,981,543
IMPACT THERAPEUTICS, INC. 2,981,627
INAI, MOTOYUKI 2,980,987
INAI, MOTOYUKI 2,980,989
INGOLDBY, MICHAEL GEORGE 2,980,576
INRIG, JULA KERN 2,981,176
INSYS DEVELOPMENT COMPANY, INC. 2,981,615
INTEGRATED COMPOSITE PRODUCTS, INC. 2,976,444
INTENT SOLUTIONS, INC. 2,980,576
INTERACTIVE INTELLIGENCE GROUP, INC. 2,981,284
INTERCEPT PHARMACEUTICALS, INC. 2,981,507
IONESCU, BOGDAN 2,976,059
IORDACHE, LUCIAN 2,976,034
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,977,215
IRAGAVARAPU, TAMMIRAJ KUMAR 2,981,310
IRONWOOD PHARMACEUTICALS, INC. 2,961,531
ISHAY, ATTAR 2,981,587
ISHIDA, OSAMU 2,977,865
ISHIDA, TOMONOBU 2,980,886
ISHIKAWA, NOBUYUKI 2,980,985
ISHIZUKA, MASAYUKI 2,980,991
ISHIZUKA, MASAYUKI 2,980,996
ISHIZUKA, MASAYUKI 2,981,126
ISHTIAQ, FAISAL 2,977,680
IVRI, YEHUDA 2,981,070
IWATSU, MASAFUMI 2,981,419
IWAYANAGI, YUKI 2,980,992
IYENGAR, RAJESH R. 2,961,531
JAASKELAINEN, MIKKO 2,980,439
JAASKELAINEN, MIKKO 2,980,865
JACKELS, HANS ADOLF 2,977,085
JACKSON, MEL CLINTON 2,977,219
JACKSON, MEL CLINTON 2,977,279
JACKSON, MEL SAMUEL 2,977,219
JACOBS, KENNETH MICHAEL 2,977,153
JACQUES, FRANCIS 2,981,338
JAIKOW, ROMAN 2,976,591
JAIN, MANISH 2,976,218
JAMISON, DALE E. 2,980,874
JANSSEN BIOTECH, INC. 2,981,336
JANUSEK, MARK A. 2,976,895
JARRY, PHILIPPE 2,962,580
JASMIN, SIMON 2,975,965
JENOPTIK POLYMER SYSTEMS GMBH 2,976,591
JENSEN, THOMAS KIRKEGAARD 2,961,097
JEONG, HONG-SIL 2,975,989
JEONG, HONG-SIL 2,975,991
JEONG, HONG-SIL 2,975,992
JEONG, JUNHONG 2,977,621
JFE STEEL CORPORATION 2,980,985

JIA, MING 2,981,355
JO, HYUNIL 2,981,371
JOHNS, BRIAN ALVIN 2,961,528
JOHNS, WILLIAM R 2,975,042
JOHNSON & JOHNSON CONSUMER INC. 2,977,301
JOHNSON, BRENT 2,977,191
JOHNSON, BRYCE D. 2,980,895
JOHNSON, CHELSEA ERIN 2,981,235
JOHNSON, ERIC T. 2,981,474
JOHNSON, PHILIP S. 2,976,779
JONES, DAVID 2,975,576
JONES, GERAINT 2,961,870
JONES, TIMOTHY 2,961,185
JOSEPH, GEORGE JOHNY 2,961,389
JOURES, STEVE 2,981,407
JUNG, KI TAEG 2,976,627
KABBES, ANTHONY D. 2,981,167
KABIS, ANDRE 2,961,773
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,980,886
KAEPPELER, JOHANNES 2,976,807
KAHRAMAN, MEHMET 2,981,055
KAIDO, HIROSHI 2,980,889
KAISER, MARK 2,981,485
KAJIGAYA, SUGURU 2,981,220
KALYRA PHARMACEUTICALS, INC. 2,981,055
KAMAT, RAJEEV G. 2,981,329
KAMEI, MITSUO 2,981,579
KAMIHARA, NOBUYUKI 2,980,884
KANEKO, AKIHISA 2,980,992
KANTHAK, JUSTIN 2,977,443
KANTOLA, JUHANA 2,980,795
KAPOSI, SASCHA 2,981,483
KAPPELER, JOHANNES 2,976,964
KARPOV, ANDREY 2,975,108
KARPOV, ANDREY 2,975,394
KATOU, MANABU 2,981,419
KAVANAGH, KARI 2,981,513
KAVURI, VENKAIAH C. 2,981,461
KAWASAKI, YUDAI 2,981,582
KE, NAN 2,981,518
KEDALION THERAPEUTICS, INC. 2,981,070
KEHRY, MARILYN 2,981,520
KELLY, PATRICK W. 2,977,396
KEMIN INDUSTRIES, INC. 2,961,378
KERSTEN, ROY 2,980,972
KHAN, IMRAN 2,977,777
KHAN, MOHAMMED 2,981,338
KHOO, AARON 2,977,139
KIM, DONG-SIK 2,977,621
KIM, HYO SUK 2,976,627
KIM, KELLY E. 2,981,041
KIM, KISU 2,977,621
KIM, KYUNG-JOONG 2,975,989
KIM, KYUNG-JOONG 2,975,991
KIM, KYUNG-JOONG 2,975,992
KIMBERLY-CLARK WORLDWIDE, INC. 2,976,512
KING ABDULAZIZ CITY OF SCIENCE AND TECHNOLOGY 2,980,920
KING, CHARLES RICHTER 2,981,359
KING, DAVID J. 2,981,520
KING, KEVIN ELLIOTT 2,981,284
KINI, GAUTAM CHANDRAKANTH 2,962,271
KIRK, HANNAH 2,981,195
KISAKA, YOSHIAKI 2,977,865
KISHIDA, KAZUKI 2,981,422
KITAMURA, HIDETOMO 2,980,992
KJERSEM, GEIR L. 2,981,140
KLEEMANN GMBH 2,980,823
KLEIN, CHRISTOPHER D. 2,981,167
KLOTH, BERND 2,976,591
KLUG, MICHAEL A. 2,981,107
KNIGHT, RICHARD TODD 2,981,521
KNIGHT, RONALD K 2,975,042
KNUTSSON, PER 2,981,463
KOBAYASHI, DAISUKE 2,980,986
KOBAYASHI, TSUYOSHI 2,981,234
KOBAYASHI, TSUYOSHI 2,981,277
KOCH AGRONOMIC SERVICES, LLC 2,977,515
KOENIG, JOHN R. 2,961,413
KOENIG, MAXIME 2,980,794
KOGEL, MARKUS 2,976,083
KOH, EVONNE 2,981,133
KOLESNICHENKO, VASILIY VASILEVICH 2,981,144
KOLLATI, VIGHNESWARA R. 2,981,187
KOLLURU, MURTHY NARAYANA 2,981,168
KOLLY, JOEL 2,976,810
KOMATSU LTD. 2,980,993
KONGSBAK, LARS 2,977,439
KOOPS, ARNE 2,976,988
KOP-COAT, INC. 2,981,132
KRALEV, MIROSLAV 2,976,006
KREAM, RICHARD M. 2,981,135
KREAM, RICHARD M. 2,981,138
KRINNINGER, MAXIMILIAN 2,980,964
KRINNINGER, MAXIMILIAN 2,980,967
KRISTENSEN, HELLE 2,977,439
KRUEGER, STEVEN E. 2,981,521
KRUPNICK, STEVEN B. 2,980,569
KSIEZOPOLSKI, EDWIN E. 2,980,615
KUCHANA, VINAYENDER 2,981,187
KUGE, YOKO 2,981,582
KUJAWA, BORIS 2,980,684
KUO, YU-CHING AUDREY 2,981,566
KURAHASHI, KANA 2,981,419
KURENOV, SERGEI 2,981,618
KURIHARA, TAKESHI 2,980,993
KUROSU, KAZUHIRO 2,981,239
KUTTENKULER, DAN 2,977,515
KUTZ, KRISTA 2,981,178
KUTZ, KRISTA 2,981,279
KWAK, HEECHUN 2,977,621
KWAK, JANG YOUNG 2,976,627
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,976,280
LABREUCHE, CHRISTOPHE 2,980,875
LABRIOLA, LEANNE T. 2,981,179
LACROSSE, JAMES E. 2,980,899
LAFLEUR, DAVID WILLIAM 2,981,616
LAITRAM, L.L.C. 2,980,927
LANCIA, DAVID R. 2,961,793
LANCIA, DAVID R. 2,961,807
LANCIA, DAVID R. 2,961,811
LANCIA, DAVID R. 2,961,817
LANDIS+GYR INNOVATIONS, INC. 2,977,761
LANDIS+GYR TECHNOLOGIES, LLC 2,980,895
LANDMARK GRAPHICS CORPORATION 2,980,717
LANHAM, GREGORY TREAT 2,980,705
LARACH, MARIO 2,981,298
LASSILA, ILKKA 2,961,107
LATSHAW, STEVE 2,961,413
LATTA, MARK A. 2,962,273
LAUNAY, FRANK 2,980,941
LAURENDEAU, CHAD 2,980,918
LAWRENCE, NATHAN 2,961,185
LE BRUN, PIERRE 2,962,587
LE METAYER, SEBASTIEN 2,976,282
LE SAINT, ERIC 2,977,428
LEE, DAY-CHYUAN 2,977,486
LEE, KYOUNG IL 2,976,627
LEE, MI JUNG 2,977,621
LEE, SHWU-MAAN 2,981,359
LEE, SOO BUM 2,977,583
LEE, SUMIN 2,977,621
LEE, THOMAS WAI-HO 2,961,531
LEEM, JUNGHUN 2,980,717
LEONARD, LAURA E. 2,981,187
LEONARDI, GABRIELLA 2,962,327
LEPP, JAMES RANDOLPH WINTER 2,981,537
LERNER, RICHARD A. 2,981,517
LETHLEAN, GRACE 2,981,195
LEVON, JEAN-GABRIEL 2,980,939
LEVON, JEAN-GABRIEL 2,980,941
LEWIS, BRANDON 2,961,378
LEYVRAZ, DAVID 2,981,329
LI, GUO 2,968,142
LI, LIANSHENG 2,981,530
LI, LING 2,977,215
LI, RENXIANG 2,977,680
LI, SHAOJUN 2,981,082
LI, SHAOJUN 2,981,087
LI, SHAOJUN 2,981,109
LI, SHI-YAN 2,977,541
LI, XUEMEI 2,981,500
LI, YUANJING 2,981,201
LIANG, LI-SHIANG 2,981,007
LIFETIME INDUSTRIES, INC. 2,980,615
LIM, HYUNG-KWON 2,977,621
LIN, JIAN 2,961,793

LIN, JIAN 2,961,807
LIN, JIAN 2,961,811
LIN, JIAN 2,961,817
LIN, JIAN-LIANG 2,981,185
LINDKAMP, MARC 2,976,393
LINIGER, MARC 2,981,041
LITTAU, CHERYL A. 2,981,181
LIU, DANGHUI 2,981,536
LIU, HANLI 2,981,461
LIU, WENDONG 2,981,197
LIU, XIAOZHONG 2,981,158
LIU, YI 2,968,142
LIU, YI 2,981,530
LIU, YUAN 2,981,530
LLOYD-JONES, PETER 2,977,617
LOFTIN, CALEB S. 2,975,714
LOGINOV, EVGENY 2,980,858
LOMBARDI, ADOLPH V. 2,980,744
LONG, ANDREW M. 2,976,512
LONG, JIANG 2,981,503
LONG, THOMAS J. 2,980,741
LONG, YUN OLIVER 2,981,530
LOPEZ, JEREMY 2,981,518
LOPEZ, MANDI J. 2,981,057
LORCY, GWENDAL 2,977,603
LORD, CHRISTOPHER 2,975,576
LOUIS, AUDREY-MARINE 2,977,890
LOVELL, JONATHAN 2,981,359
LOVELL, JONATHAN F. 2,981,318
LOWENFELD, LEA 2,981,033
LU, LIMENG 2,976,731
LU, PING 2,975,108
LU, WEI 2,961,793
LU, WEI 2,961,807
LU, WEI 2,961,811
LU, WEI 2,961,817
LU, XIAO-CHUN 2,977,488
LUCIS TECHNOLOGIES HOLDINGS LIMITED 2,981,608
LUCIS TECHNOLOGIES HOLDINGS LIMITED 2,981,621
LUDWIG, JAMES NOLAN 2,981,528
LUKOWSKI, BENJAMIN 2,980,688
LUO, DANDAN 2,981,318
LUSTIG, JOSEPH 2,981,080
LV, CHAO 2,968,142
LV, LIANG 2,968,142
LYNCH, JAMES J. 2,981,059
MA, JIANGLEI 2,981,184
MA, JIANGLEI 2,981,355
MA, JIANGLEI 2,981,376
MACDONALD, GILLIES ALEXANDER 2,980,859
MACGREGOR, NORMAN J. 2,972,841
MACHIDA, MASAOMI 2,980,993
MAGDA, SEBASTIAN 2,981,349
MAGIC LEAP, INC. 2,981,107
MAHAMUNI, NARESH 2,975,934
MAHDEVARI, ALI 2,981,082
MAHDEVARI, ALI 2,981,087
MAHDEVARI, ALI 2,981,109
MAINTECH CO., LTD. 2,980,986
MAK, SIU WAI JACKY 2,980,781
MALECH, HARRY 2,981,191
MALEK, ANDRZEJ 2,962,095
MALICE, LOUIS F., JR. 2,980,576
MANIFOLD SECURITY, INC. 2,981,013
MANTIONE, KIRK J. 2,981,135
MANTIONE, KIRK J. 2,981,138
MANTRIPRAGADA, SANKARAM B. 2,981,501
MAO, FUYING 2,968,142
MAO, GUOHONG 2,977,541
MARAKKALA MANAGE, ANURA SILVA 2,971,758
MARDEL, JAMES IVAN 2,981,071
MARDJONO, JACKY 2,980,794
MARGAI, DIANA BERNADETT 2,976,058
MARKLEY, TRACEY ANNE 2,981,071
MARKS, TOBIN J. 2,961,604
MARONI, BRADLEY JOHN 2,981,176
MARSAL, DAVID 2,976,858
MARYFIELD, TONY 2,976,373
MARYFIELD, TONY 2,976,375
MARZIALE, ALEXANDER N. 2,981,041
MASTERMAN, THOMAS CRAIG 2,981,059
MASUDA, TOMOKAZU 2,980,886
MATHEIDAS, MICHAEL T. 2,980,893
MATHEW, SUNIL I. 2,980,720
MATHIESON, MICHAEL 2,961,740
MATSUBARA, MASARU 2,981,220
MATSUMOTO, TAKUYA 2,981,234
MATSUMOTO, TAKUYA 2,981,277
MATSUSHITA, HIROAKI 2,980,992
MATULENKO, MARK A. 2,961,413
MATUNAS, ROBERT 2,962,597
MAUGHAN, BENJAMIN 2,977,959
MAYERSHOFER, MARTIN 2,974,468
MAZULA, DEREK JOEL 2,976,444
MC DONALD, PATRICIA 2,981,517
MCCALLUM, ED 2,981,547
MCCANTY, PATRICK WILLIAM 2,976,083
MCCARDLE, THOMAS A. 2,981,167
MCCORRISTON, TODD 2,981,602
MCDONALD, BILLY JAMES 2,980,475
MCDONALD, STEPHEN J. 2,975,576
MCDOWELL, JAMES KERWIN 2,980,475
MCFADYEN, STEPHEN 2,981,434
MCHALE, WILLIAM A. 2,962,273
MCINTOSH, JOEL 2,981,371
MCKEOWN, MICHAEL R. 2,981,518
MCMILLIAN, SAMUEL TRAVIS 2,980,455
MCNEIL, RAESHON LAMONT 2,981,597
MCVEEN, KEITH MICHAEL 2,980,594
MEADOWS, ANDREW SCOTT 2,980,576
MEBATSION, TESHOME 2,962,225
MEDIATEK INC. 2,981,185
MEDINEERING GMBH 2,980,964
MEDINEERING GMBH 2,980,967
MEDOFF, MARSHALL 2,981,059
MEDONCARE PHARMACEUTICAL CO., LTD 2,981,158
MEISHAN CRRC BRAKE SCIENCE & TECHNOLOGY CO., LTD. 2,968,142
MEKKAOUI, LEILA 2,977,472
MELIN, THOMAS ERIC 2,981,597
MELODIA, TOMMASO 2,981,004
MEMORIAL SLOAN KETTERING CANCER CENTER 2,981,304
MEMUR, HAMIT 2,980,873
MENTOR WORLDWIDE LLC 2,977,040
MERIAL INC. 2,962,225
MERILAINEN, ANTTI 2,961,107
MERIT MEDICAL SYSTEMS, INC. 2,975,391
MICHAELS, PAUL G. 2,976,779
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,980,666
MICRO MOTION, INC. 2,980,705
MIHARA, RYOSUKE 2,980,992
MILLENDO THERAPEUTICS, INC. 2,962,597
MILLER, DAVID W. 2,961,516
MILLER, WILLIAM H. 2,981,066
MILNE, ROBERT ANDREW DAVID 2,981,235
MINET, JEAN 2,980,954
MINNICH, KRISTEN ELAINE 2,962,044
MINOHARA, TAISUKE 2,981,239
MINOR, DAVID J. 2,976,817
MINOR, RAYMOND B. 2,976,817
MISRA, SANTOSH KUMAR 2,981,179
MITSUBISHI ELECTRIC POWER PRODUCTS, INC. 2,981,047
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,980,884
MIX, KALIE 2,981,510
MIYAKAWA, TOMOYA 2,981,468
MIYAWAKI, YU 2,981,424
MIYAZAKI, KEISUKE 2,981,419
MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH 2,977,621
MOHS, THOMAS R. 2,981,279
MOLINA, SAMUELE 2,980,682
MOLINEAUX, CHRISTOPHER 2,981,499
MOMTAHEN, TANYA MARIE 2,961,389
MONASH UNIVERSITY 2,981,195
MONSANTO TECHNOLOGY LLC 2,981,066
MOON, JAEWOONG 2,981,059
MOORE, FREDERICK ALLEN 2,981,353
MOORE, JOSHUA 2,976,898
MOORE, MARK W. 2,980,563
MOORE, RICHARD G. 2,981,068
MOORE, WILLIAM D. 2,976,779
MORACH, MARION ESTHER 2,976,807
MORRIS, RUSSELL EDWARD 2,975,573
MORRISON, VANCE R. 2,976,898
MORRISON, VANCE R. 2,976,903
MORROW, KENNEDY 2,981,488
MOSER, PETER T. 2,981,163
MOSTOFI-ASHTIANI, MOHAMMAD R. 2,981,187
MOULIS, LAURE 2,961,866

MOURITZEN, PETER 2,977,439
MOUTON, SEBASTIEN 2,981,338
MOWER, WAYNE 2,975,391
MOZOLA, MARK A. 2,977,542
MRP PARTICIPACOES EIRELI 2,981,548
MUELLER, SEAN G. 2,981,120
MUELLER-SCHLOMKA, GORDON 2,975,994
MULLER, RALF 2,976,129
MULLER-SIEBERT, REINHARD 2,976,807
MULLER-SIEBERT, REINHARD 2,976,810
MULPURI, RAO 2,981,347
MUNOZ GARCIA, ALBERTO 2,981,048
MUTSCH, STEFFEN 2,976,702
MYERS, MARJORIE KAY 2,977,370
MYUNG, SE-HO 2,975,989
MYUNG, SE-HO 2,975,991
MYUNG, SE-HO 2,975,992
NACHURS ALPINE SOLUTIONS, CORP. 2,981,645
NAIR, HAREESH 2,981,173
NAKAI, TAKASHI 2,961,531
NAKANO, TADASHI 2,981,213
NANOCELL LTD. 2,981,585
NANOFORM FINLAND OY 2,961,107
NARAYAN, PRASANNA L. 2,977,427
NARINE, SURESH 2,981,082
NARINE, SURESH 2,981,087
NARINE, SURESH 2,981,109
NARLA, ANIRUDH 2,981,493
NASDAQ, INC. 2,981,511
NATIONAL OILWELL DHT, L.P. 2,981,324
NATURAL EXTRACTION SYSTEMS, LLC 2,981,590
NEIDERMYER, RICHARD M. 2,981,284
NELSON, JOHN 2,977,542
NEOGEN CORPORATION 2,977,542
NESTEC S.A. 2,977,603
NEWPARK MATS & INTEGRATED SERVICES LLC 2,980,475
NHK SPRING CO., LTD. 2,981,220
NIAGARA BOTTLING, LLC 2,980,971
NICKISCH, KLAUS 2,981,173
NICOLAY, UWE 2,962,214
NIDEC MOTOR CORPORATION 2,976,779
NIELSON, JEFFREY D. 2,980,705
NIEMAN, KRISTIN 2,961,378
NINGBO NGP INDUSTRY CO., LTD. 2,976,731
NIPPON PAPER INDUSTRIES CO., LTD. 2,981,239
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,980,889
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,981,254
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,977,865
NISHIMOTO, KEIJI 2,981,263
NISHIURA, YUJI 2,981,419
NISSAN MOTOR CO., LTD. 2,981,161
NISSHIN STEEL CO., LTD. 2,981,213
NISSHIN STEEL CO.,LTD. 2,981,418
NKT HV CABLES GMBH 2,976,588
NOK KLUEBER CO., LTD. 2,980,987
NOK KLUEBER CO., LTD. 2,980,989
NORMANDIN, IRENEE 2,975,965
NORTHEASTERN UNIVERSITY 2,981,004
NORTHWESTERN UNIVERSITY 2,961,604
NOUAILLE, REGIS 2,977,438
NOVADAQ TECHNOLOGIES INC. 2,981,353
NOVELIS INC. 2,981,329
NOWATSCHIN, STEPHAN 2,980,964
NOWATSCHIN, STEPHAN 2,980,967
NTT ELECTRONICS CORPORATION 2,977,865
NUCHOLS, RICHARD P. 2,980,585
NUCTECH COMPANY LIMITED 2,981,079
NUCTECH COMPANY LIMITED 2,981,201
NUMAJIRI, YOSHITAKA 2,981,041
O'BRIEN, THOMAS 2,980,896
O'BRIEN, THOMAS 2,980,897
OGODA, SHINICHIRO 2,980,986
OHYABU, NAOKI 2,981,419
OKAWA, TAKESHI 2,981,254
OLDFIELD, SAMANTHA DALE 2,980,522
OLDFIELD, SAMANTHA DALE 2,980,528
OLSON, KURT 2,981,045
OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED 2,981,437
OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED 2,981,438
OMYA INTERNATIONAL AG 2,976,717
ONCOSEC MEDICAL INCORPORATED 2,981,049
ONCOSEC MEDICAL INCORPORATED 2,981,474
ONCTERNAL THERAPEUTICS, INC. 2,961,781
ONE MEDIA, LLC 2,981,067
ONUMA, YASUHARU 2,977,865
OPFLEX TECHNOLOGIES, LLC 2,980,899
OPTIMEDICA CORPORATION 2,980,556
OR, YAT SUN 2,981,503
OREGON STATE UNIVERSITY 2,981,614
ORLANDO, DAVID A. 2,981,518
ORNTOFT, TORBEN 2,977,439
ORPHAZYME APS 2,961,097
ORTLEPP, HANS-GEORG 2,976,129
OSAKA UNIVERSITY 2,981,420
OSAKA UNIVERSITY 2,981,422
OSAKA UNIVERSITY 2,981,424
OSBORNE, JOSEPH 2,981,071
OSHRY, MATTHEW 2,981,271
OTA, SHUSAKU 2,980,985
OTSUKA, HIROKI 2,981,131
OTTER, MICHAEL 2,981,155
OWUSU-ADOM, KWAME 2,977,515
PADULA, ANDREW 2,980,764
PALMER, JASON 2,981,443
PALMER, JOETTA RENEE 2,980,585
PAN, DIPANJAN 2,981,179
PAN, FEIJIAN 2,981,637
PANACEA QUANTUM LEAP TECHNOLOGY LLC 2,981,226
PANDIT, AKSHAY 2,981,591
PANICKER, SANDIP 2,981,321
PANISCOTTI, DOMINICK 2,981,511
PANTHER, ALEXANDER GYLES 2,981,658
PARK, JAE CHAN 2,977,621
PARK, YOUNG SEOUB 2,977,621
PARKS, JESSICA 2,981,088
PARKSIDE FLEXIBLES (EUROPE) LIMITED 2,976,158
PARRY, GRAHAM 2,981,321
PATEL, TAPAN Y. 2,981,486
PATHAN, KASHEM 2,975,782
PATIENT, LEE 2,961,422
PATIENT, LEE 2,961,424
PATIL, ABHISHEK PRAMOD 2,977,583
PATIL, SHAILESH 2,977,411
PATRICK, TIMOTHY J. 2,981,061
PATRICK, TIMOTHY J. 2,981,064
PATWARDHAN, TANUJA A. 2,977,230
PAULSEN, GARY A. 2,981,513
PAYTON, MATTHEW JON 2,980,522
PAYTON, MATTHEW JON 2,980,528
PEDERSEN, STEVEN KRISTIAN 2,976,542
PEDICINI, CHRISTOPHER 2,981,042
PEGORETTI, MARCOS 2,981,548
PEJCIC, IVAN 2,976,011
PELFREY, KEITH ALLEN 2,980,563
PENG, HUA 2,981,201
PENG, ZHIYONG 2,977,153
PENGUIN AUTOMATED SYSTEMS INC. 2,981,078
PENLAND, JOE, JR. 2,980,896
PENLAND, JOE, JR. 2,980,897
PENLAND, RUSTIN 2,980,896
PENLAND, RUSTIN 2,980,897
PERL, NICHOLAS 2,961,531
PERUZZO, GIADA 2,976,759
PESSI, JENNI 2,961,107
PESSIOT, JEREMY 2,977,438
PESSIS, DAVID 2,980,737
PETER, MATTHIAS 2,961,604
PFLUGRATH, LAUREN S. 2,981,305
PHAM, TRUNG 2,981,120
PHARMACYCLICS LLC 2,981,046
PHARMACYCLICS LLC 2,981,048
PHILPOTT, RICHARD 2,975,934
PHILPOTT, THOMAS JAMES 2,981,597
PIEKARZ, ANDREW 2,981,336
PIERCE, ROBERT H. 2,981,049
PIERCE, ROBERT H. 2,981,474
PIERRE FABRE DERMO-COSMETIQUE 2,961,866

PILLAI, PRASANTH KUMAR SASIDHARAN 2,981,082
PILLAI, PRASANTH KUMAR SASIDHARAN 2,981,087
PILLAI, PRASANTH KUMAR SASIDHARAN 2,981,109
PILLET, GREGOIRE 2,980,954
PINCHMAN, JOSEPH ROBERT 2,981,055
PINKAVA, LISA 2,977,542
PINSKI, JACEK K. 2,981,142
PIRAS, FRANCESCO 2,980,684
PIRELLI TYRE S.P.A. 2,962,327
PIRON, CAMERON ANTHONY 2,981,434
PISHCHALNIKOV, YURI 2,975,934
PLEXXIKON INC. 2,961,356
POLITECNICO DI MILANO 2,962,327
POLLEY, ALEX 2,981,407
PONCE, DAVID 2,981,205
POROCEL INTERNATIONAL, LLC 2,981,133
POTTA, THRIMOORTHY 2,981,615
POUYLLAU, HELIA 2,980,875
POWELL, KEVIN BLAKE 2,980,522
PRAVONG, BOUN 2,980,774
PRELI, DAVID 2,975,108
PRELI, DAVID 2,975,394
PREMIER DENTAL PRODUCTS COMPANY 2,962,273
PRESSURE BIOSCIENCES, INC. 2,981,058
PRETT, GILES D. 2,976,218
PRILL, JONATHAN RYAN 2,981,114
PRITCHARD, JOHN MARTIN 2,962,326
PROAMPAC INTERMEDIATE, INC. 2,980,746
PROGRESSIVE INTERNATIONAL CORPORATION 2,981,483
PROST, LAURENT 2,976,280
PROTI-FARM R & D B.V. 2,979,709
PROVISTA DIAGNOSTICS, INC. 2,981,347
PROXIMAGEN LIMITED 2,961,422
PROXIMAGEN LIMITED 2,961,424
PRUZANSKI, MARK 2,981,507
PULE, MARTIN 2,977,472
QIAN, CHEN 2,981,197
QON INC. 2,981,580
QUALCOMM INCORPORATED 2,977,154
QUALCOMM INCORPORATED 2,977,284
QUALCOMM INCORPORATED 2,977,411
QUALCOMM INCORPORATED 2,977,583
QUALITY MAT COMPANY 2,980,896
QUALITY MAT COMPANY 2,980,897
QUAN, QIONG 2,968,142
QUAY, STEVEN C. 2,981,301
QUINN, JUSTIN 2,981,516
RAAB, R. MICHAEL 2,981,500
RAGLAND, ROBERT R. 2,981,474
RAIKKONEN, HEIKKI 2,961,107
RAINES, RONALD T. 2,981,510
RAISSINIA, ALIREZA 2,977,583
RAJAGOPAL, SELVASUNDARAM 2,977,178
RAJAGOPAL, SELVASUNDARAM 2,977,191
RAMEY, CARRIBETH B. 2,981,061
RAMEY, CARRIBETH B. 2,981,064
RAMOS, ENRIQUE O. 2,981,595
RAPILA, TERO 2,980,795
RAPPUOLI, RINO 2,962,214
RASSE, BENJAMIN 2,975,641
RASSOOLKHANI, PAYMAN 2,976,779
RATTIER, SANDY 2,961,866
RAULT, REGIS 2,977,890
RAY, SASMITA 2,980,668
RAYTHEON COMPANY 2,976,068
RECHARGEABLE BATTERY CORPORATION 2,981,042
RECOM PATENT & LICENSE GMBH 2,961,773
REDMOND, JOANNA MARY 2,962,326
REDX PHARMA PLC 2,961,740
REED, NILGUN ISIK 2,981,371
REESE, DAVID E. 2,981,347
REGENERON PHARMACEUTICALS, INC. 2,961,389
REGION MIDTJYLLAND 2,977,439
REICHERT, SWETLANA 2,976,006
REID, TAYLOR ADDISON 2,981,455
REITER, THOMAS 2,980,968
REITZ, JAMES NORTON 2,977,139
REMLEY, GILBERT WILLIAM 2,981,047
REMMERS, JOHN 2,981,212
REN, PINGDA 2,981,530
RENFORTH, LEE 2,981,407
RENHOWE, PAUL ALLAN 2,961,531
RENNER, THOMAS 2,981,364
RENNEX, BRIAN 2,981,623
RENNIE, GLEN ROBERT 2,961,531
RESPIVERT LIMITED 2,961,870
RESTREPO, LUCAS 2,980,764
REVLON CONSUMER PRODUCTS CORPORATION 2,981,485
REVOLUTION FITNESS PRODUCTS, LLC 2,981,595
REYMANN, STEFFEN 2,980,603
REYNA, JUAN J. 2,980,717
REYNARD, FREDERIC 2,962,225
RICHMOND, JOSHUA 2,981,434
RICKS, SEAN 2,980,773
RICOH COMPANY, LTD. 2,981,134
RIES, DONALD C. 2,981,167
ROBERTS, KIRA BULAZEL 2,981,088
ROBERTSON, JOHN C. 2,976,512
ROBLES, OMAR 2,981,472
ROCHAIS, ALAIN 2,981,639
ROGERS, DONALD SCOTT 2,980,475
ROGERS, HENRY EUGENE 2,980,455
ROGOZINSKI, NICOLAS 2,980,455
ROLLINGER, ANDREW R. 2,976,068
ROMO, DANIEL 2,981,472
RONAYNE, MICHAEL PAUL 2,981,235
ROOD, KYLE 2,981,647
ROOS, MARK ALAN 2,977,603
ROPKINS, KARL 2,961,516
ROSA BRUSIN, MARCO 2,980,682
ROSENDAHL, MARY S. 2,981,501
ROSS-ZOLKIEWICZ, JERZY 2,977,310
ROSSIGNOL, ALEXIS 2,977,318
ROTH, STANLEY A. 2,976,083
ROUSHEY, LEWIS JEFFREY 2,981,290
ROUSSEAUX, DIMITRI 2,976,851
ROUSSILLE, CLEMENT 2,976,858
ROVI GUIDES, INC. 2,977,959
ROYSHEIM, TORE 2,981,140
RUFO, MARCELO 2,962,044
RUSSO, ROBERT SCOTT 2,980,714
RWS TRANSLATIONS LTD 2,980,668
RYAN, JOHN 2,962,542
S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. 2,976,759
SAFE NUCLEAR SOLUTIONS, LLC 2,981,605
SAFEDON LIMITED 2,976,868
SAFRAN AIRCRAFT ENGINES 2,976,858
SAFRAN AIRCRAFT ENGINES 2,980,688
SAFRAN AIRCRAFT ENGINES 2,980,794
SAFRAN AIRCRAFT ENGINES 2,980,798
SAFRAN CERAMICS 2,976,858
SAFRAN TRANSMISSION SYSTEMS 2,980,677
SAGI, IRIT 2,981,585
SAHA, SAURABH 2,961,609
SAIKA, MASAYUKI 2,980,991
SAIKA, MASAYUKI 2,980,996
SAIKA, MASAYUKI 2,981,126
SAINT-GOBAIN ISOVER 2,977,310
SAITO, TOMOHISA 2,980,992
SAITOH, YOUICHI 2,981,420
SAITOH, YOUICHI 2,981,424
SAKURADA, YASUHIRO 2,981,418
SALLOUM, DARIN 2,981,304
SAMSUNG ELECTRONICS CO., LTD. 2,975,989
SAMSUNG ELECTRONICS CO., LTD. 2,975,991
SAMSUNG ELECTRONICS CO., LTD. 2,975,992
SANBIO, INC. 2,981,523
SANBORN, KELLY 2,981,606
SANDHU, GURDAS S. 2,961,516
SANFORD HEALTH 2,977,396
SANOFI BIOTECHNOLOGY 2,961,389
SANTAGATI, GIUSEPPE ENRICO 2,981,004
SANTHAMMA, BINDU 2,981,173
SAPPER, ERIK 2,981,071
SARANGAPANI, SENTHIL KUMAR 2,980,668
SARRAF, DAVID BRUCE 2,977,370
SARTON DU JONCHAY, THIBAULT 2,980,941
SARVER, EDWIN JAY 2,981,536
SAS INSTITUTE INC. 2,981,521
SASAKI, YOSHIKAZU 2,981,419
SATTAR, AZIZ 2,981,187
SAVORY, EDWARD 2,961,422

SAVORY, EDWARD 2,961,424
SAWADA, HIRAKU 2,980,986
SAWAGUCHI, WATARU 2,980,987
SAWAGUCHI, WATARU 2,980,989
SCA HYGIENE PRODUCTS AB 2,981,240
SCA HYGIENE PRODUCTS AB 2,981,245
SCA HYGIENE PRODUCTS AB 2,981,249
SCANIO, MARC 2,961,413
SCAROLA, KENNETH 2,981,047
SCEKIC, VLADIMIR 2,981,602
SCHAFE, PETER 2,981,187
SCHAFER, JEROME J. 2,981,167
SCHECKEL, MARIO 2,980,950
SCHEIBERT, SEBASTIAN EMERY 2,981,485
SCHEIRLINCK, ERIK ROBERTUS 2,980,528
SCHIEFER, PATRIK 2,975,015
SCHILLER, MARTIN R. 2,981,509
SCHLEICH, HARALD 2,976,702
SCHLUMBERGER CANADA LIMITED 2,961,185
SCHLUMBERGER CANADA LIMITED 2,981,632
SCHMID, MATHIEU 2,980,858
SCHMIDT, HELGE 2,977,370
SCHNEIDER, DANIEL E. 2,981,592
SCHOELKOPF, JOACHIM 2,976,717
SCHOELKOPF, ROBERT J. III 2,981,493
SCHOLLER, JEROME 2,980,958
SCHRAD, GREGORY J. 2,981,120
SCHUELE, GEORG 2,980,556
SCHULTZ, ANDREW M. 2,981,181
SCHUTTE, MIKE 2,981,592
SCOTT, CAMERON R. 2,981,132
SCOTT, KENNETH 2,975,576
SEAMAN, STEVEN 2,961,609
SEAMANS, JAMES DALLAS 2,981,133
SEBASTIANO, ROBERTO 2,962,327
SEGER, ROBERT A., II 2,981,013
SEKINO, MASAKI 2,981,420
SEKINO, MASAKI 2,981,424
SEKIYA, HIROSHI 2,980,986
SELFRAG AG 2,976,807
SELFRAG AG 2,976,810
SELFRAG AG 2,976,964
SELTZER-GRANT, MALCOLM 2,981,407
SELVARAJ, JOHN WILFRED 2,980,668
SENCO BRANDS, INC. 2,981,167
SENDA, SHO 2,981,234
SENDA, SHO 2,981,277
SEONG, PIL JE 2,976,627
SEQIRUS UK LIMITED 2,962,214
SERT ALAGAC, MELIKE 2,981,149
SETHURAMAN, RAMJI 2,977,427
SEVERANCE, DANIEL LEE 2,981,055
SHAGHOURY, MARIAN 2,981,572
SHANKAR, SANTHOSH KUMAR 2,962,271
SHANKAR, SHYAM 2,981,493
SHAO, SHUAI 2,981,318
SHAO, SHUAI 2,981,359
SHARMA, PRAMOD KUMAR 2,980,958
SHARP KABUSHIKI KAISHA 2,981,163
SHARP KABUSHIKI KAISHA 2,981,582
SHAW, MARK 2,976,158
SHEA, RYAN 2,961,585
SHEA, RYAN 2,962,605
SHEA, RYAN 2,962,614
SHEA, RYAN 2,962,622
SHEKHAR, PRASHANT 2,980,859
SHELBY, KEVIN A. 2,981,067
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,962,271
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,976,692
SHEN, JIANHONG 2,968,142
SHEN, RUICHAO 2,981,503
SHEN, SHIJI 2,977,443
SHEPPARD, DEAN 2,981,371
SHETTY, GAUTAM N. 2,980,714
SHI, LEI 2,961,413
SHI, SONGYUAN 2,961,356
SHI, YUNXIAO 2,968,142
SHIMAMURA, JUNJI 2,980,985
SHINOZAKI, AKIRA 2,980,987
SHINOZAKI, AKIRA 2,980,989
SHIONOGI & CO., LTD. 2,981,419
SHORT, JAY M. 2,977,687
SHUDARK, JEFF 2,977,761
SICPA HOLDING SA 2,980,858
SIEMENS AKTIENGESELLSCHAFT 2,976,059
SIESS, THORSTEN 2,980,950
SIEVERS, BJORN 2,976,006
SILVERMAN, FRANKLIN PAUL 2,981,080
SIMMERS, CRAIG 2,981,602
SIMMONS, RACHEL 2,975,391
SIMON, MICHAEL J. 2,981,067
SIMON, STEVE N. G. 2,981,354
SIMPKIN, NEIL THOMAS 2,980,668
SIMPSON, IAIN 2,961,424
SIMPSON, JUSTIN RYAN 2,980,668
SIMS, BRYAN 2,980,894
SINGH, ONKAR N. 2,981,615
SINGH, RAKESH K. 2,981,068
SINGLA, SMIT 2,981,618
SIT, RAKESH KUMAR 2,981,055
SITCH, CHARLES EDWARD 2,980,668
SIVIK, MARK ROBERT 2,977,387
SKY-LINE CRANES & TECHNOLOGIES LTD. 2,981,225
SLAGER, JORAM 2,974,962
SLEE, DEBORAH HELEN 2,981,055
SLEEMAN BREWERIES LTD. 2,981,547
SLIWA, KATRINA 2,981,493
SLJIVAR, SLAVEN 2,981,443
SMARTDRIVE SYSTEMS, INC. 2,981,443
SMITH, ALAN 2,980,804
SMITH, ALEXANDER 2,981,176
SMITH, ALEXANDER D. 2,981,169
SMITH, ALEXANDER D. 2,981,170
SMITH, ALEXANDER D. 2,981,172
SMITH, ALEXANDER D. 2,981,180
SMITH, BRUCE MICHAEL 2,981,528
SMITH, DANIEL JOHN 2,980,522
SMITH, GAVIN R. 2,980,603
SMITH, SCOTT C. 2,980,899
SMYTH, MARK STEPHEN 2,981,046
SMYTH, MARK STEPHEN 2,981,048
SNSTECH, LLC 2,976,088
SOFIIENKO, ANDRII 2,981,205
SOLOMONOV, INNA 2,981,585
SOMERS, ANDREW 2,981,195
SONY CORPORATION 2,981,190
SONY CORPORATION 2,981,197
SONY CORPORATION 2,981,216
SONY CORPORATION 2,981,228
SONY CORPORATION 2,981,270
SONY CORPORATION 2,981,629
SORENSEN, DALSGAARD KARINA 2,977,439
SPAHR, MICHAEL E. 2,977,295
SPENCE, CALLUM JAMES THOMAS 2,980,522
SPENCE, CALLUM JAMES THOMAS 2,980,528
SPEVAK, WAYNE 2,961,356
SPINNLER, OLIVIER 2,980,666
SPOELHOF, MARK WILLIAM 2,981,528
SPORER, MARK ANDREW 2,980,549
SPRAYING SYSTEMS CO. 2,981,513
SRINIVAS, NELAMANGAL KRISHNASWAMY 2,980,737
SRIVASTAVA, SHIV 2,981,188
SRIVASTAVA, VANDITA 2,981,437
SRIVASTAVA, VANDITA 2,981,438
ST. CROIX, BRADLEY 2,961,609
STAINSBY, JEFF ALAN 2,981,658
STARKEY, MICHAEL MORGAN 2,981,597
STATHACOPOULOS, PAUL 2,977,959
STEELCASE INC. 2,981,528
STEENWYK, MATTHEW A. 2,980,927
STEFANCHIK, DAVID 2,980,585
STEFANO, GEORGE B. 2,981,135
STEFANO, GEORGE B. 2,981,138
STEVENS, BENJAMIN 2,981,155
STEWART, JOSHUA 2,981,483
STOBER, REINHARD 2,961,773
STOELZEL, CLAUS PETER 2,977,085
STOLLERY, JONATHAN WILLIAM 2,976,868
STOLLERY, KIM MARIE 2,976,868
STOLTZ, BRIAN M. 2,981,041
STRANE, PATRICK W. 2,980,576
STREITENBERGER, HARTWIG 2,961,773
STRONG, CHRISTY L. 2,981,509
STURCHLER, EMMANUEL 2,981,517
SUBDOMAIN, LLC 2,981,616
SUDLOW, THOMAS S. 2,975,576
SULEIMAN, OSAMA 2,981,046
SULLIVAN, EUGENE 2,981,457
SULLIVAN, SHAWN J. 2,976,512
SUMITA, OSAO 2,981,574
SUMITOMO HEAVY INDUSTRIES, LTD. 2,980,991
SUMITOMO HEAVY INDUSTRIES, LTD. 2,980,996

SUMITOMO HEAVY INDUSTRIES, LTD. 2,981,126
SUNDARESAN, KUMAR 2,981,247
SUNDERMANN, ANDREAS 2,975,108
SUNDERMANN, ANDREAS 2,975,394
SUNG, SHIANG 2,976,083
SURMODICS, INC. 2,974,962
SURPIN, MARCI ANN 2,981,080
SURYANARAYANAN, DEEPAK 2,980,737
SUTCLIFFE, GARY 2,980,591
SUTTON, ALLEN 2,977,515
SWEET GREEN FIELDS USA LLC 2,977,219
SWEET GREEN FIELDS USA LLC 2,977,279
SWORDS, KATHLEEN 2,977,178
SWORDS, KATHLEEN 2,977,191
SYMPATEX TECHNOLOGIES GMBH 2,974,468
SYN-NAT PRODUCTS ENTERPRISE LLC 2,981,158
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,980,781
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,981,434
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,981,566
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,981,658
SYNGENTA PARTICIPATIONS AG 2,981,310
SYNTHETIC GENOMICS, INC. 2,977,271
SYROS PHARMACEUTICALS, INC. 2,981,518
TAFT, JEFFERSON 2,981,155
TAIHO PHARMACEUTICAL CO., LTD. 2,980,888
TAINE, ELAINE GRACE 2,981,455
TAKANO, HIROAKI 2,981,216
TAKEDA PHARMACEUTICAL COMPANY LIMITED 2,962,429
TAKEDA, TAKASHI 2,981,580
TAKEI, KAZUHITO 2,977,865
TALI HEALTH PTY LTD 2,981,195
TALLON, JONATHAN 2,980,591
TAMADA, KOJI 2,981,468
TANG, YOUZHI 2,981,371
TANGIBLE PLAY, INC. 2,980,958
TARATULA, OLEH 2,981,614
TARATULA, OLENA 2,981,614
TARN, JEFFREY 2,977,695
TASHMAN, ADAM 2,981,268
TATE & LYLE INGREDIENTS AMERICAS LLC 2,977,443
TATE & LYLE INGREDIENTS AMERICAS LLC 2,977,617
TAUCHNER, REINHARD 2,977,116
TAVILDAR, SAURABHA RANGRAO 2,977,411
TE CONNECTIVITY CORPORATION 2,977,370
TE CONNECTIVITY GERMANY GMBH 2,977,370
TEAGUE, PHILIP 2,981,205
TELEPCIAK, JACOB 2,981,007
TELLVIK, ERIK JONATHON 2,980,737
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,981,553
TESA SE 2,976,988
TESTAR, RICHARD 2,961,740
THALES 2,980,875
THALES 2,980,954
THALMIC LABS INC. 2,976,898
THALMIC LABS INC. 2,976,903
THAYER, REBECCA E. 2,981,088
THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUC. ON BEHALF OF THE UNIVERSITY OF NEVADA, LA 2,981,509
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,981,461
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,981,496
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,981,179
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,981,288
THE BOEING COMPANY 2,981,071
THE CHARLES STARK DRAPER LABORATORY, INC. 2,977,777
THE CURATORS OF THE UNIVERSITY OF MISSOURI 2,981,647
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,981,188
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,981,191
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,981,330
THE PROCTER & GAMBLE COMPANY 2,977,085
THE PROCTER & GAMBLE COMPANY 2,977,387
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,980,764
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,981,371
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 2,981,135
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 2,981,138
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 2,981,318
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 2,981,359
THE SCRIPPS RESEARCH INSTITUTE 2,981,517
THE SHERWIN-WILLIAMS COMPANY 2,981,607
THE TEXAS A&M UNIVERSITY SYSTEM 2,981,472
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,981,033
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,961,609
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,981,191
THE UNIVERSITY OF MISSISSIPPI 2,981,465
THE UNIVERSITY OF TOKYO 2,981,420
THE UNIVERSITY OF TOKYO 2,981,424
THIBERT, ROCH 2,962,597
THIEULIN, MARIE 2,977,438
THIMM, DANIEL 2,977,177
THOM, STEPHEN MALCOLM 2,961,870
THOMAS, C. RUSSELL 2,981,590
THOMAS, KELL 2,976,581
THOMAS, NATHAN BARTHOLOMEW 2,980,737
THOMPSON, JONATHAN PAUL 2,980,772
THOMSEN, RONFELDT ANNI 2,977,439
THORPE, DARRELL T. 2,977,191
TIMM, JUERGEN 2,981,329
TIMMER, GUIDO 2,975,015
TING, EDMUND Y. 2,981,058
TIPMAN CO., LTD. 2,971,758
TIRANOFF, LOUISE 2,981,453
TOKAREV, ALEKSEY VASILEVICH 2,981,144
TOKAREV, PAVEL ALEKSEEVICH 2,981,144

TOMIO, YUSAKU 2,980,889
TOMIZAWA, MASAHITO 2,977,865
TOPIVERT PHARMA LIMITED 2,961,870
TOPOR, ZBIGNIEW LUDWIK 2,981,212
TORAY INDUSTRIES, INC. 2,981,131
TOTAL RESEARCH & TECHNOLOGY FELUY 2,976,851
TREBUCH, SIMON 2,976,702
TREMAINE, ANDREA 2,981,361
TRENT UNIVERSITY 2,981,082
TRENT UNIVERSITY 2,981,087
TRENT UNIVERSITY 2,981,109
TREPANIER, FRANCOIS 2,981,343
TREVI THERAPEUTICS, INC. 2,981,625
TROKHAN, PAUL DENNIS 2,977,387
TRUDEL, GILLES 2,975,965
TRUE NORTH THERAPEUTICS, INC. 2,981,321
TUDOR, LETITIA 2,981,061
TUDOR, LETITIA 2,981,064
TUDOR, LETITIA 2,981,074
TULLOCH, ANDREW 2,976,856
TUMORGEN MDX LLC 2,981,505
TUNG, HSUEH SUNG 2,961,961
TUNGALOY CORPORATION 2,981,579
TURBETT SURGICAL LLC 2,981,341
TURBETT, ROBERT E. 2,981,341
TUVI ORTEGA, STEPHANIE 2,981,455
TYCO ELECTRONICS CANADA ULC 2,976,034
TYRBERG, ANDREAS 2,976,588
UCHIYAMA, HIROMASA 2,981,216
UCL BUSINESS PLC 2,977,472
UEDA, YOJI 2,981,131
UENO, ISAO 2,981,574
UENO, NORIEDA 2,980,991
UENO, NORIEDA 2,980,996
UENO, NORIEDA 2,981,126
UENO, SHIN 2,981,213
ULTRA CLEAN ECOLENE INC. 2,972,841
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2,977,486
UNIVERSAL CITY STUDIOS LLC 2,980,594
UNIVERSITE LAVAL 2,981,343
UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS 2,975,573
UNIVERSITY OF SOUTHERN CALIFORNIA 2,981,142
UNIVERSITY OF SOUTHERN CALIFORNIA 2,981,143
UNIVERSITY OF SOUTHERN CALIFORNIA 2,981,166
UNL HOLDINGS LLC 2,980,714
UNO, BRICE E. 2,981,288
UOP LLC 2,981,120
UOP LLC 2,981,187
UPTIGROVE, STANLEY O. 2,980,893
URANO, JUN 2,977,271
URDANETA, CARLOS 2,981,632
URTHECAST CORP. 2,980,920
UZARAMA, CHARLES 2,962,597
VAES, GEERT 2,976,851
VAIDYA, ALEKH 2,981,443
VAJAPEYAM, MADHAVAN SRINIVASAN 2,977,154
VALENT BIOSCIENCES LLC 2,981,080
VALERIO, ANTONIO MARCO 2,962,327
VALIA, DAVID 2,981,485
VALLEE, REAL 2,981,343
VAN CLEVE, MARK DAVID 2,981,455
VAN HOOGSTRATEN, HUBERT 2,961,389
VANCE, ERIC A. 2,980,594
VARTDAL, HARALD 2,981,140
VEDAGE, GAMINI ANANDA 2,962,044
VEILLERAUD, FREDERIC 2,977,890
VELASCO VALCKE, FRANCISCO JAVIER 2,981,226
VENBURG, GREGORY D. 2,981,080
VENTANA MEDICAL SYSTEMS, INC. 2,981,155
VENTURA, FRANK 2,981,155
VERASONICS, INC. 2,981,305
VERGARA, JULIO L. 2,980,764
VERMA, VARUN 2,980,737
VERMA, VISHAAL BOEHM 2,980,746
VERNIER, JEAN-MICHEL 2,961,781
VERSAEVEL, MARC 2,980,794
VIATOR, JOHN ANDREW 2,981,647
VICK, JACOB EDWARD 2,977,541
VIDHATE, ANAND 2,980,705
VIEL, JULIEN 2,980,677
VIGMED AB 2,981,463
VIRUN, INC. 2,961,829
VISA INTERNATIONAL SERVICE ASSOCIATION 2,977,427
VISA INTERNATIONAL SERVICE ASSOCIATION 2,977,428
VISA INTERNATIONAL SERVICE ASSOCIATION 2,980,910
VISURAY INTECH LTD. 2,981,205
VITTAL, SAMEER 2,980,549
VIVID TRANSFERS, LLC 2,981,482
VIVINT, INC. 2,980,773
VOLL, ADNE 2,981,205
VON ROHR, PHILIPP RUDOLF 2,977,295
W. L. GORE & ASSOCIATES, INC. 2,976,817
W.L. GORE & ASSOCIATES, INC. 2,977,488
WACHLI, SERENE 2,980,774
WADA, TOSHIHIRO 2,981,419
WAGNER, D. RY 2,977,178
WAGNER, MARC 2,976,280
WAGNER, RY D. 2,977,191
WAKEMAN, LAWRENCE KENDRICK 2,981,268
WAL-MART STORES, INC. 2,980,930
WAL-MART STORES, INC. 2,981,168
WALKER, DANIEL P. 2,981,066
WALLENIUS, HANS 2,981,240
WALLENIUS, HANS 2,981,245
WALLENIUS, HANS 2,981,249
WALLING, BRADFORD J. 2,975,714
WALLIX 2,977,899
WALSH, JOSEPH C. 2,980,192
WALSH, JOSEPH C. 2,980,354
WANG, FEI 2,977,695
WANG, GARY T. 2,981,080
WANG, GUOQIANG 2,981,503
WANG, HAOSU 2,981,553
WANG, KAIEN 2,968,142
WANG, LIMIN 2,977,526
WANG, QIANG 2,981,201
WANG, QIN 2,968,142
WANG, ZHAOCHENG 2,981,197
WANG, ZHONGGUO 2,961,793
WANG, ZHONGGUO 2,961,807
WANG, ZHONGGUO 2,961,811
WANG, ZHONGGUO 2,961,817
WARD, HANS A. 2,981,132
WARREN, JEREMY B. 2,980,773
WARRENBURG, WILLIAM L. 2,976,088
WARRENDER, STEWART 2,975,573
WASSERMANN, KNUT 2,975,108
WASSERMANN, KNUT 2,975,394
WATT FUEL CELL CORP 2,975,831
WATTLEY, GLENN G. 2,980,899
WAUGH, JACOB M. 2,977,124
WAVEFRONT BIOMETRIC TECHNOLOGIES PTY LIMITED 2,981,536
WAVELIGHT GMBH 2,977,177
WEGELIN, JACKSON W. 2,980,563
WEH, ALEXANDER 2,976,807
WEH, ALEXANDER 2,976,964
WEI, XUELI 2,968,142
WEI, YUXIN 2,981,190
WEIDINGER, ROBERT 2,976,702
WEIR, AARON M. 2,980,714
WEISMAN, PAUL THOMAS 2,977,387
WEISSBROD, ELIZABETH N. 2,981,330
WELANDER, FREDRIK 2,981,240
WELANDER, FREDRIK 2,981,245
WELANDER, FREDRIK 2,981,249
WELLER, CHRISTIAN 2,980,823
WELSCH, DEAN 2,961,609
WEN, WEI 2,981,329
WENDEL, HANS GUIDO 2,981,304
WERBACH, CHRISTOPHER A. 2,980,705
WESTNEDGE, ANDREW J. 2,980,741
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